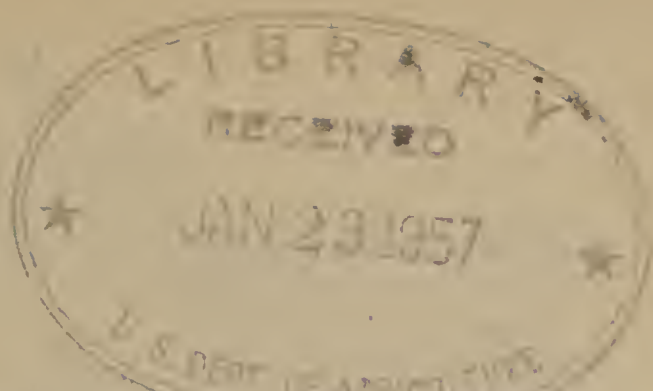


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UNITED STATES DEPARTMENT OF AGRICULTURE,  
FOREST SERVICE,

WILLIAM B. GREELEY, Forester.

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# SERVICE DIRECTORY.

April, 1921.

This directory is issued semiannually, and is for the exclusive use of members of the Service and cooperating bureaus.

Unless otherwise indicated, the officers in charge of the individual Forests are forest supervisors, and those in charge of the individual Ranger Districts are forest rangers.

The express address of the ranger district is the same as the headquarters unless otherwise indicated.

(WU) indicates Western Union; (P) Postal; (C) Continental.

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## OFFICE OF THE FORESTER.

WILLIAM B. GREELEY, Forester.

EDWARD A. SHERMAN, Associate Forester.

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## FINANCE AND ACCOUNTS.

M. E. FAGAN, chief of office.

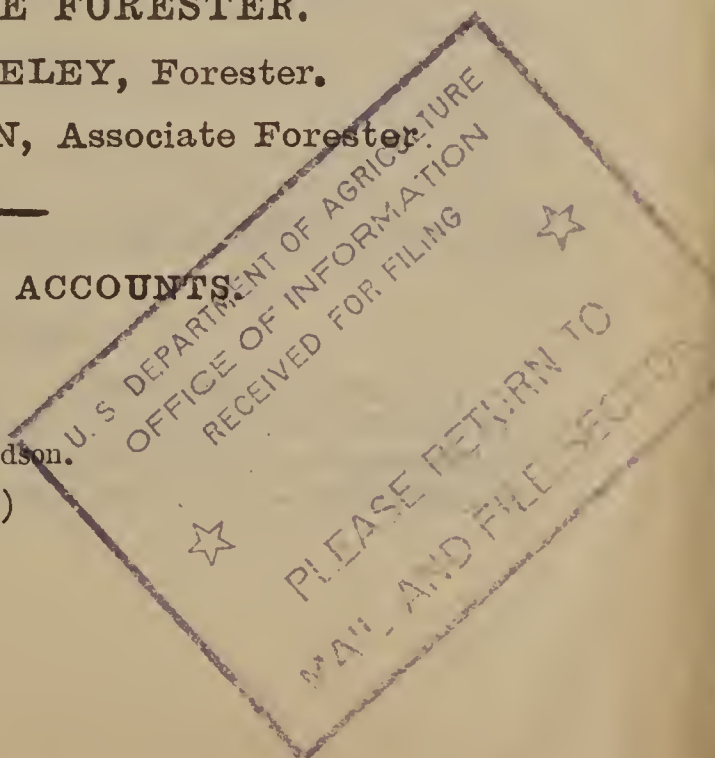
BOOKKEEPING.—H. B. Herms.

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## OPERATION.

ROY HEDDLEY, assistant forester; Paul D. Kelleter, general assistant; G. G. Anderson, assistant in personnel; Evan W. Kelley, inspector.

MAINTENANCE.—G. M. Randal.

SUPPLIES.—S. L. McLaurin.

SUPPLY DEPOT, OGDEN, UTAH.—J. G. Falck.

## FOREST MANAGEMENT.

E. E. CARTER, assistant forester; Harry Irion, office assistant.

WESTERN DIVISION.—J. F. Preston, forest inspector; C. G. Smith, forest inspector.

EASTERN DIVISION.—J. G. Peters and R. C. Staebner, forest inspectors; L. S. Murphy, C. R. Tillotson, and J. A. Mitchell, forest examiners.

COOPERATION WITH PRIVATE TIMBERLAND OWNERS.—A. Cary, logging engineer.

STATE COOPERATIVE FIRE PROTECTION UNDER THE WEEKS LAW.—J. G. Peters, L. S. Murphy and J. A. Mitchell.

Compilation of State Forestry Laws.—Miss J. S. Peyton.

Collaborators. ———, land agent and forest commissioner, Augusta, Me.; J. H. Foster, State forester, Concord, N. H.; W. G. Hastings, chief forester, Montpelier, Vt.; M. C. Hutchins, State fire warden, Boston, Mass.; J. B. Mowry, commissioner of forestry, Chepachet, R. I.; W. O. Filley, State forester, New Haven, Conn.; W. G. Howard, assistant superintendent of forests, Albany, N. Y.; C. P. Wilber, State fire warden, Trenton, N. J.; G. H. Wirt, chief forest fire warden, Harrisburg, Pa.; F. W. Besley, State forester, Baltimore, Md.; A. B. Hastings, assistant State forester, Charlottesville, Va.; C. W. Harding, forest, game, and fish warden, Elkins, W. Va.; J. S. Holmes, State forester, Chapel Hill, N. C.; R. D. Forbes, superintendent of forestry, New Orleans, La.; E. O. Siecke, State forester, College Station, Tex.; John Baird, game, fish, and forest fire warden, Lansing, Mich.; C. L. Harrington, conservation commissioner, Madison, Wis.; Wm. T. Cox, State forester, St. Paul, Minn.

## GRAZING.

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GRAZING STUDIES (in cooperation with F. V. Coville, botanist, Bureau of Plant Industry).—William R. Chapline, inspector of grazing; Clarence L. Forsling, grazing examiner.

FORAGE INVESTIGATIONS.—William A. Dayton, plant ecologist.

RANGE RESERVE EXPERIMENTS.—Jornada Reserve: Enoch W. Nelson, grazing examiner, Las Cruces, N. Mex.; Jack E. Marlowe, grazing assistant. Santa Rita Reserve: R. R. Hill, grazing examiner, Tucson, Ariz.

## LANDS.

L. F. KNEIPP, assistant forester.

OCCUPANCY.—C. H. Squire, inspector of lands.

CLASSIFICATION.—W. J. Mangan, executive assistant.

ACQUISITION.—W. W. Ashe, forest inspector.

## RESEARCH.

EARLE H. CLAPP, assistant forester; S. T. Dana, forest economist and assistant chief; Raphael Zon, forest economist; Harry Irion, office assistant.

DENDROLOGY.—George B. Sudworth, dendrologist.

FOREST INVESTIGATIONS.—J. Kittredge, jr., acting.

Studies.—E. H. Frothingham, W. D. Sterrett, W. N. Sparhawk, E. R. Hodson, and W. R. Mattoon.

FOREST MEASUREMENTS.—W. B. Barrows.

LIBRARY.—Miss H. E. Stockbridge.

COMPILATION.—Miss E. B. Leech.

**Experiment Stations:**

CLOQUET (in cooperation with the University of Minnesota).— ———, Cloquet, Minn.

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FREMONT, PIKE NATIONAL FOREST.—C. G. Bates, silviculturist, Box 1068, Colorado Springs, Colo.\*

WAGON WHEEL GAP, RIO GRANDE NATIONAL FOREST (in cooperation with the Weather Bureau).—Edwin H. Jones, Wagon Wheel Gap, Colo.

FORT VALLEY, COCONINO NATIONAL FOREST.—G. A. Pearson, silviculturist, Flagstaff, Ariz.; S. S. Van Boskirk, forest examiner.

———.—C. F. Korstian, forest examiner, Ogden, Utah.

———.—E. N. Munns, forest examiner, San Francisco, Calif.

WIND RIVER, COLUMBIA NATIONAL FOREST.—Julius V. Hofmann, forest examiner, Stabler (railroad point, Carson), Wash.

FOREST PRODUCTS LABORATORY (in cooperation with the University of Wisconsin, Madison, Wis.).—Carlile P. Winslow, director; O. M. Butler, assistant director; H. D. Tiemann, dry-kiln specialist.

Publication of Results.— ———, Ray C. Tuttle.

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Wood Preservatives.—Ernest Bateman, Carleton Henningsen.

Ethyl Alcohol.—E. C. Sherrard, G. W. Blanco.

Cellulose Chemistry.— ———, Geo. J. Ritter.

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Soda and Sulphate Processes.—Sidney D. Wells, Rudolph H. Grabow.

Sulphite Process.— ———, W. H. Swanson.

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TIMBER MECHANICS.—J. A. Newlin; L. J. Markwardt, assistant; T. R. C. Wilson, John M. Gahagan.

Comparison of Species.—L. J. Markwardt, R. F. Luxford.

Effect of Treatment on Strength.—T. R. C. Wilson, R. P. A. Johnson.

Fabricated Articles.—T. R. C. Wilson.

Plywood Strength.—L. J. Markwardt, H. S. Grenoble, James R. McAteer, H. L. Drake.

Structural Timbers.—J. A. Newlin.



Aircraft Study.—J. A. Newlin, G. W. Trayer, P. M. Paine.

Container Investigations.—C. A. Plaskett, G. E. Heck, W. H. Sacket, J. G. Woodburn.

TIMBER PHYSICS.—Rolf Thelen, A. Koehler, assistant.

Kiln Drying.—Rolf Thelen, J. D. Studley, W. K. Loughborough, A. Hermann, C. A. Menzel, A. C. Knauss, E. C. Peck.

Wood Technology.—A. Koehler, Miss Eloise Gerry, Miss Gertrude Griffin, M. C. Jensen.

WOOD PRESERVATION.—George M. Hunt; A. L. Heim, assistant.

Laminated Wood Studies.—T. R. Truax, R. M. Wirka.

Glues and Plywood.—Matthew E. Dunlap, W. L. Jones, Alfred C. Lindauer, Frederick L. Browne, C. A. Harrison.

PRESERVATION.—P. R. Hicks, J. D. MacLean.

INDUSTRIAL INVESTIGATIONS.—Arthur Upson, D. G. White, J. S. Mathewson, A. O. Benson.

PATHOLOGY (in cooperation with Bureau of Plant Industry).—E. E. Hubert, acting; Miss A. M. Waterman.

LABORATORY OPERATION.—C. V. Maudlin, acting; Charles P. Juckem, administrative assistant.

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FOREST PRODUCTS.—H. S. Betts, W. D. Brush, R. K. Helphenstine, jr., John B. Cuno.

ECONOMIC INVESTIGATIONS.———, R. V. Reynolds, A. H. Pierson, C. W. Boyce. A. B. Strough, collaborator, Albany, N. Y.

## ENGINEERING.

T. W. NORCROSS, chief engineer; F. E. Bonner and G. H. Lautz, assistant chief engineers.

ROADS.—F. E. Bonner.

WATER POWER.—T. W. Norcross.

MAPS AND SURVEYS.—G. H. Lautz; C. A. Kolb, geographer.

Atlas.—G. B. Bruce.

Drafting.—J. M. Witherow.

Engraving.—T. S. Brock.

Photography.—E. S. Shipp.

## PUBLIC RELATIONS.

HERBERT A. SMITH, assistant forester.

INFORMATION.—W. I. Hutchinson, forest inspector.

PUBLICATION.———; A. C. Watkins, assistant editor.

PROOFS AND FORMS.—C. M. Ballard, Edward Burkholder.

EXHIBITS AND MOTION PICTURES.—C. A. Lindstrom.

## DISTRICT 1.

## NORTHERN DISTRICT.

Montana, northeastern Washington, northern Idaho, and northwestern South Dakota. Office, Federal Building, Missoula, Mont.

FRED MORRELL, district forester.

PUBLIC RELATIONS.—R. P. McLaughlin.

LAW.—Office of the Solicitor (Forest Service branch). Harold H. Clarke, assistant to the solicitor.

ACCOUNTS.—John A. Urbanowicz, chief of office and fiscal agent; Chas. A. Skeels, district fiscal agent.

OPERATION.—L. C. Stockdale, assistant district forester; G. I. Porter, executive assistant; E. F. White, personnel training and studies.

FIRE PROTECTION.—Howard R. Flint, forest examiner.

IMPROVEMENTS.—D. L. Beatty, national forest examiner; R. B. Adams, telephone engineer.

LAW ENFORCEMENT.—P. J. O'Brien.

STATE COOPERATIVE FIRE PROTECTION UNDER THE WEEKS LAW.—Howard R. Flint; J. C. Van Hook, State forester, Helena, Mont.; A. E. Boorman, Kalispell, Mont.; W. J. Ross, Coeur d'Alene, Idaho; W. D. Humiston, Potlatch, Idaho; Theo. Fohl, Orofino, Idaho, collaborators.

MAINTENANCE.—O. C. Bradeen.

FOREST MANAGEMENT.—Elers Koch, assistant district forester; M. H. Wolff, forest examiner.

LOGGING ENGINEERING.—J. W. Girard, U. S. Swartz, F. J. Klobucher.

TIMBER SALES.—Field Supervision, C. E. Knouf, lumberman.

PLANTING.—D. S. Olson, planting assistant, Haugan, Mont. Savenac Nursery, G. W. Jones, Haugan, Mont., forest examiner; W. G. Wahlenburg, forest assistant.

PRODUCTS.—S. V. Fullaway, jr., and C. N. Whitney, forest examiners; W. J. McCarthy, forest assistant.

FOREST INVESTIGATIONS.—J. A. Larson and W. C. Lowdermilk, forest examiners.

James R. Weir, consulting pathologist, 408 Columbia Building, Spokane, Wash.

GRAZING.—Glen A. Smith, assistant district forester; L. C. Hurtt, inspector of grazing.

STUDIES.—L. C. Hurtt, inspector of grazing; H. W. Elofson, grazing assistant.

LANDS.—D. F. McGowan, assistant district forester.

LAND EXCHANGE.—

CLAIMS AND STATUS.—J. W. Streit; C. A. McElroy, land examiner.

LAND CLASSIFICATION.—R. P. Edwards.

ENGINEERING.—F. E. Thieme, district engineer.

MAPS AND SURVEYS.—J. B. Yule.

Topographic Surveys.—J. B. Yule.

Drafting.—Frank J. Cool.

Photography.—Frank J. Cool.

Entry Surveys.—W. P. Stephenson.

ROADS.—F. E. Thieme, H. A. Calkins.

WATER POWER.—E. W. Kramer.

## NATIONAL FORESTS.

## IDAHO.

**Clearwater.**—Lloyd G. Hornby, Orofino (WU); Paul A. Wohlen, fire assistant; H. R. Snider and J. K. Conard, forest rangers; Philip M. Lamoreux, senior clerk.

*Ranger District: Musselshell.*—Paul H. Gerrard, Weippe (Exp. Orofino).

*Oxford.*—Albert N. Coehrell, Pierce (Exp. Orofino).

*Chamberlain Meadow.*—James C. Urquhart, Superior, Mont.

*Fish Lake.*—W. E. Buckingham, Rivulet, Mont.

**Coeur d'Alene.**—Charles K. MeHarg, district forest inspector, Coeur d'Alene (WU); Henry Wold, deputy forest supervisor; Carlyn C. Delavan, fire assistant; Philip Neff, lumberman; James F. Brooks, national forest examiner; Frank L. Tobey, forest assistant; Karl J. George, senior clerk.

*Ranger District: River.*—Edward C. Pulaski, Wallace.

*Lake.*—Edward H. Coulson, Coeur d'Alene.

*Little North Fork.*—Ralph H. Parsons, Coeur d'Alene.

*Magee.*—E. D. Eiselstein, Coeur d'Alene.

*North Fork.*—Wallace L. Belvail, Prichard (Exp. Enaville).

*Nelson.*—F. W. Sehumacher, Carter (Exp. Enaville).

**Kaniksu.**—Joseph A. Fitzwater, district forest inspector, Sandpoint (WU); James E. Ryan, forest supervisor; Charles R. Clark, forest examiner; Frank Foltz, fire assistant; C. E. Knouf and Howard Drake, lumbermen; Henry K. Nichols, senior clerk.

*Ranger District: Falls.*—Laurence D. Dunn, forest assistant, Priest River.

*Priest Lake.*—James K. Ward, Coolin.

*Sullivan Lake.*—Arthur E. Pauley, Ione, Wash.

*Experiment Station.*—Gerhard Kempff, Priest River.

*Newport.*—F. E. Porter, Newport, Wash.

**Nezperce.**—Adrian C. Adams, Grangeville (WU); Clyde P. Fiekes and Thomas Crossley, deputy forest supervisors; Russell N. Cunningham, fire assistant; George V. Ring, forest ranger; William M. Noble, senior clerk.

*Ranger District: Salmon River.*—William H. Deasy, Riggins (Exp. Grangeville).

*Hump.*—William M. Gregg, Whitebird (Exp. Grangeville).

*Clearwater.*—Vernon L. Collins, Grangeville.

*Elk City.*—James W. Dyar, Elk City (Exp. Stites).

**Pend Oreille.**—Joseph A. Fitzwater, district forest inspector, Sandpoint (WU); John E. Breen, deputy forest supervisor; Ray R. Fitting, fire assistant; Laurenee D. Dunn, forest assistant; Walter W. Swartz, senior clerk.

*Ranger District: Clarksfork.*—C. E. Middleton, Clarksfork.

*Lake.*—John J. Murray, Belmont (Exp. Bayview).

*Naples.*—Francis L. Mackey, Naples.

*Moyie.*—W. O. Blackman, Sinclair (Exp. Snyder).

*Port Hill.*—Emanuel B. Schlette, Copeland.



**Selway.**—Frank J. Jefferson, Kooskia (WU); Andrew J. Devan and Francis T. Carroll, fire assistants; Miles L. Marsh, senior clerk.

*Ranger District: Middle Fork, No. 1.*—Charles A. McGregor, Kooskia.

*Middle Fork, No. 2.*—S. I. McPherson, Lowell (Exp. Kooskia).

*Fish Lake.*—Elmer S. Walde, Kooskia.

*Meadow Creek.*—John F. Rice, Kooskia.

*Moose Creek.*—Jack A. Parsell, Kooskia.

**St. Joe.**—Charles K. MeHarg, district forest inspector, Coeur d'Alene (WU); Wallace W. Weber, forest supervisor; Ashley J. Roche, fire assistant; Miles R. Robbins, senior clerk.

*Ranger District: Palouse.*—William H. Daus, Princeton.

*Avery.*—Clyde D. Blake, Avery; J. F. Mahoney in charge fire.

*Roundtop.*—Franklin Girard, Avery.

*Pole Mountain.*———.

#### MONTANA.

**Absaroka.**—Ernest W. Shaw, Livingston (WU); E. M. Kapp, senior clerk.

*Ranger District: Deer Creek.*—Louis E. Ewan, jr., Greycliff.

*Main Boulder.*—Harry S. Kaufman, Contact.

*West Boulder.*—Seldon C. Alexander, McLeod (Exp. Livingston).

*Yellowstone.*—Harold B. Yerkes, Carbella.

*Park.*———, Gardiner.

*Big Timber.*—Louis Dodge, Big Timber.

*Cottonwood.*—Jonathan S. Winder, Lebo (Exp. Martinsdale).

*Shields.*—Arthur D. Moir, jr., Wilsall.

**Beartooth.**—R. Trevor Ferguson, Billings (WU); William L. Lay, deputy forest supervisor; Mary E. Parr, senior clerk.

*Ranger District: Rock Creek.*—John S. Bowen, Red Lodge.

*Rosebud.*—Ernest R. Viek, Luther (Exp. Red Lodge).

*Stillwater.*—George E. McKinsey, Limestone (Exp. Columbus).

*Pryor.*—Guy O'Neil, Bowler (Exp. Bridger).

**Beaverhead.**—John B. Somers, Dillon (WU); R. W. Beeson, grazing assistant; Harry Gruner, senior clerk.

*Ranger District: Melrose.*—John W. Long, Melrose.

*Wisdom.*—A. W. Vogelsang, Wisdom (Exp. Divide).

*Jackson.*—John A. Ogden, Jackson (Exp. Dillon).

*Argenta.*—C. A. Kutzleb, Argenta (Exp. Dillon).

*Horse Prairie.*—August A. Schroeder, Grant.

*Sheep Creek.*—Charles E. Brackett, Dell.

*Battlefield.*—Marshall G. Ramsey, Wisdom (Exp. Divide).

*Wise River.*—Phillip A. Clack, Wise River.

**Bitterroot.**—Wilfred W. White, district forest inspector, Missoula (WU, P, C), Mallory N. Stickney, forest supervisor; William M. Nagel, forest examiner; John H. Clack and J. P. Brown, fire assistants; Ethel M. Wilson, senior clerk.

*Ranger District: Stevensville.*———, Stevensville.

*Corvallis.*—Winthrope H. Young, Corvallis.

*Darby.*—Nathaniel E. Wilkerson, Darby.

*Ross Hole.*—Clyde W. Shockley, Sula.

*West Fork.*—Curtis Matteson, Darby.

*Salmon Mountain.*—James D. Vance, Darby.

*Bear Creek.*—Thomas J. Donica, Darby.

*Elk Summit.*—William J. Bell, Hamilton.

**Blackfeet.**—John D. Warner, district forest inspector, Kalispell (WU); Eldon H. Myrick, forest supervisor; Remington Ellis, forest assistant; Elarion M. J. Morand, senior clerk.

*Ranger District: Upper North Fork.*—George R. Steppler, Columbia Falls.

*Lower North Fork.*—Charles H. Lawrence, Columbia Falls.

*Olney.*—John M. Brocken, Olney (Exp. Stryker).

*Fortune.*—LeVaughn Beaman, Trego (Exp. Fortune).

*Tally Lake.*—Paul F. Redlingshafer, Whitefish.

**Cabinet.**—Harry L. Baker, Thompson Falls (WU); Fred E. Brown, fire assistant; Harry Sperling, senior clerk.

*Ranger District: Thompson River.*—Harry F. Ransom, Marion.

*Thompson Plains.*—James L. Adams, Thompson Falls.

*Trout Creek.*—Howard R. Larsen, Larchwood (Exp. Trout Creek).

*Noxon-Bull River.*—Benjamin F. Saint, Noxon.

**Custer.**—James C. Whitham, Miles City (WU, C); James W. Stanton, deputy forest supervisor; E. W. Hartwell, forest assistant; Elsie M. Ruppert, senior clerk.

*Ranger District: Ekalaka.*—Jacob O. Thompson, Ekalaka (Exp. Miles City).

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*Short Pine.*—L. W. Shevling, cooperative guard, Harding, S. Dak. (Exp. Miles City).

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*Otter.*—Robert B. Rolfe, Otter (Exp. Miles City).

*Poker Jim.*—Glen L. Dodge, Otter (Exp. Miles City).

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*Big Hole.*—Ashley W. Kurtz, Fishtrap (Exp. Anaconda).

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*Fleecer.*—William F. Simons, Silver Bow.

*Butte.*—Charles M. Hubbard, Butte.

*Pipestone.*—Murray E. Skillman, Grace.

*Whitetail.*—George Grigg, Whitehall.

*Boulder.*—Harvey H. Mills, Basin.

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**Flathead.**—John D. Warner, district forest inspector, Kalispell (WU); Kenneth Wolfe, forest supervisor; Clyde S. Webb and Alfred L. Rossman, lumbermen; Charles J. Hash and Harold L. Redlingshafer, fire assistants; Elizabeth P. Dill, senior clerk.

*Ranger District: Essex.*—Irving R. Jensen, Essex.

*Coram.*—James E. Ready, Coram.

*Echo.*—John E. Thompson, Creston (Exp. Kalispell).

*Spotted Bear.*—Henry Thol, Coram.

*Big River.*—James E. Adams, Essex.

*Lower South Fork.*—Ansley E. Hutchinson, Coram.

*Lower Swan.*—A. J. Halvorson, Swan Lake (Exp. Kalispell).

*Upper Swan.*—E. H. Billsborough, Swan Lake (Exp. Kalispell).

*Upper South Fork.*—Ray I. Trueman, Coram.

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*Ranger District: Upper Gallatin.*—Joseph E. Callahan, Eldridge (Exp. Salesville).

*Squaw Creek.*—W. A. Chipperfield, Salesville.

*Middle Creek.*—Albert H. Nee, Bozeman.

*Yellowstone.*—Lester H. McLean, Emigrant.

*Bridger.*—Edward F. Foreman, Bozeman.

*Flathead.*—Fred E. Ainger, Wilsall.

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*Ranger District: Deep Creek.*—Earl V. Welton, Townsend.

*Duck Creek.*—Bertram A. Goodman, Canton (Exp. Townsend).

*Smith River.*—Ray M. Kingsley, Watson (Exp. White Sulphur Springs).

*Nelson.*—Eustice A. Woods, Nelson (Exp. Helena).

*McClellan.*—C. F. Martineau, Clancy.

*Crow Creek.*—Charles Larson, Radersburg (Exp. Toston).

*Helena.*—David H. Lewis, Helena.

*Blackfeet.*—M. D. Mizner, Elliston.

**Jefferson.**—Wilford B. Willey, district forest inspector, Great Falls (WU, P, C); Adolph Weholt, deputy forest supervisor; Joanna M. Granger, senior clerk.

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*Belt Creek.*—S. C. Sanderson, Neihart.

*Dry Wolf.*—Ralph E. Dickinson, Stanford.

*Judith River.*—Thomas G. Myers, Utica (Exp. Hobson).

*East End and West Snowies.*—David Lake, Judith Gap.

*Mussellshell.*—John P. Bonham, Martinsdale.

*Sheep Creek.*—Emery E. Wilson, White Sulphur Springs.

*Castle Mountains.*—W. M. Laybourn, White Sulphur Springs.

*Snowy Mountains East.*—Leon L. Lake, Heath.

*Highwood Mountains.*—Stacey Eckert, Highwood.

*Little Rockies.*—A. W. Armstrong, Zortman (Exp. Dodson).



**Kootenai.**—Leslie F. Vinal, Libby (WU); Justin K. Dwinelle, fire assistant; Ralph A. Fletcher, forest assistant; Adelaide Erdman, senior clerk.

*Ranger District: Upper Yaak.*—John P. Baldwin, Troy.

*Lower Yaak.*—John D. Brooks, Troy.

*Cabinet.*—William E. Lockhart, Troy.

*Libby.*—Perry R. Rogers, Libby.

*Swamp Creek.*—Howard McGill, Libby.

*Pleasant Valley.*—Alvin E. Beckwith, Manieke (Exp. Libby).

*Warland.*—Leland E. Tripp, Warland.

*Rexford.*—Peter H. Dierman, Rexford.

*Pipe Creek.*—Frank H. Pillsbury, Libby.

**Lewis and Clark.**—Wilford B. Willey, district forest inspector, Great Falls (WU, P, C); Edward J. Yeomans, forest supervisor; William M. Rush, deputy forest supervisor.

*Ranger District: Lubec.*—Eugene J. Rogers, Glacier Park.

*Teton.*—C. A. Butler, Choteau.

*Sun River.*—Athur F. Bateman, Gilman.

*Willow Creek.*—Harry H. Halvorson, Augusta (Exp. Gilman).

*Dearborn.*—Francis S. Garl, Augusta (Exp. Gilman).

*Blackleaf.*—A. W. Lane, Blackleaf (Exp. Bynum).

**Lolo.**—Wilfred W. White, district forest inspector, Missoula (WU, P, C); Arthur M. Baum, forest supervisor; Thomas P. Malloy, forest examiner; Roy A. Phillips, fire assistant; Louise F. Anderson, senior clerk.

*Ranger District: Lolo.*—Edward Mackay, Lolo.

*Frenchtown.*—A. T. Maenab, Frenchtown.

*Quartz.*—George H. Hankinson, Tarkio.

*Superior.*—H. R. Richards, Superior.

*Savenac.*—Frank D. Haun, Haugan.

*St. Regis.*—Bert Harris, St. Regis.

**Madison.**—Walter J. Derriek, Sheridan (WU); Harry G. Ade, deputy forest supervisor; Helen C. Schmittroth, senior clerk.

*Ranger District: Sheridan.*—Claget Sanders, Sheridan.

*Pony.*—Harvey B. Rust, Pony.

*Bear Creek.*—Homer C. Bosworth, Cameron (Exp. Norris).

*Basin.*—William A. Schowe, West Yellowstone.

*Lyon.*—Arthur T. Smith, Cameron (Exp. Norris).

*Ruby.*—Ben. P. Martin, Alder.

*Wall Creek.*—Frank D. Riggle, Abe (Exp. Norris).

**Missoula.**—Wilfred W. White, district forest inspector, Missoula (WU, P, C); Lee Straton, deputy forest supervisor; Rutledge Parker, forest examiner; J. B. Halm, fire assistant.

*Ranger District: Philipsburg, No. 1 and No. 2.*—A. Price Townsend, deputy forest supervisor, Philipsburg; L. F. Jefferson, forest ranger.

*Bonita.*—Lewis G. Nichols, Bonita.

*Seely Lake.*—August J. Riggert, Seely Lake (Exp. Missoula).

*Monture.*—LeBaron M. Beard, Ovando (Exp. Missoula).

#### WASHINGTON.

**Kaniksu.**—See Idaho.



## DISTRICT 2.

## ROCKY MOUNTAIN DISTRICT.

Colorado, Wyoming, South Dakota, Nebraska, northern Michigan, and northern Minnesota. Office, New Federal Building, Denver, Colo.

ALLEN S. PECK, district forester.

PUBLIC RELATIONS.—H. N. Wheeler.

LAW.—Office of the Solicitor (Forest Service branch). W. J. Ise, assistant to the solicitor.

ACCOUNTS.—Q. R. Craft, chief of office and fiscal agent; Joel I. Buckner, district fiscal agent.

OPERATION.—C. M. Granger, assistant district forester; John McLaren, fire protection; H. R. Kylie, telephone engineer and improvements; Peter Keplinger, training.

STATE COOPERATIVE FIRE PROTECTION UNDER THE WEEKS LAW.—John McLaren; Theo. Shoemaker, State forester, Custer, S. Dak., collaborator.

MAINTENANCE.—C. A. Neepser.

FOREST MANAGEMENT.—M. W. Thompson, assistant district forester; J. A. Donery, lumberman.

TIMBER SURVEYS AND INSECT CONTROL.—W. J. Pearce, forest examiner.

PLANTING.—Fred R. Johnson.

GRAZING.—John H. Hatton, assistant district forester; Lynn H. Douglas, inspector of grazing.

STUDIES.—Lynn H. Douglas, inspector of grazing; Jesse M. Mann, grazing examiner.

LANDS.—C. J. Stahl, assistant district forester; Thos. M. Moorman, assistant; Crosby A. Hoar, classification and exchange; J. B. Cammann, mineral examiner; Arthur H. Carhart, recreation engineer.

ENGINEERING.—Fred D. Mendenhall, district engineer; J. L. Brownlee, assistant district engineer.

MAPS AND SURVEYS.—J. Burgess.

Drafting.— ———.

Entry Surveys.—Sylvander Simms.

Topographic Surveys.—J. Burgess, acting.

ROADS.—Fred D. Mendenhall; J. L. Brownlee.

WATER POWER.—Fred D. Mendenhall.

## NATIONAL FORESTS.

## COLORADO.

**Arapaho.**—Alve L. Richey, Hot Sulphur Springs (WU); L. C. Anderson, forest assistant; E. H. Peck, lumberman; Victor H. Frey, senior clerk.

*Ranger District: Williams Fork.*—J. H. Williams, jr., Scholl (Exp. Parshall).

*Fraser.*—Ralph A. Polhemus, Fraser.

*Sulphur.*—J. L. Glendenning, Hot Sulphur Springs.

*North Park.*—Frank R. Crow, Rand (Exp. Walden).

**Battlement.**—John W. Spencer, Grand Junction (WU); D. C. Montgomery, senior clerk.

*Ranger District: Grand River.*—E. L. Davis, Silt.

*Muddy.*—Ben G. Sucher, Paonia.

*Lakes.*—J. B. Robinson, Cedaredge (Exp. Delta).

*Mesa.*—D. E. Basham, Mesa (Exp. DeBeque).

*Big Creek.*—W. F. Gilliam, Collbran.

*Buzzard.*—G. L. Sanders, Heiberger (Exp. DeBeque).

**Cochetopa.**—Fred B. Agee, Saguache (WU); Clarence E. Taylor, forest examiner J. W. Dilley, senior clerk.

*Ranger District: Cebolla.*—John A. Stavely (Cathedral).

*Saguache.*—Frank L. Trickel, Saguache (Exp. Moffat).

*Carnero.*—Tibo Gallegos, Saguache (Exp. Moffat).

*Bonanza.*—Winnie E. Shropshire, Villa Grove.

*Poncha.*—Joseph M. Cuenin, Salida.

*Tomichi.*—Jas. B. Hamilton, Sargents.

**Colorado.**—Wm. R. Kreutzer, district forest inspector, Fort Collins (WU); Lee Brown, forest assistant; G. C. Hougham, senior clerk.

*Ranger District: Boulder.*—Ray R. Clarke, Boulder.

*Ward.*—L. H. Ulrich, Boulder.

*Estes Park.*—Josephus Ryan, Estes Park.

*Buckhorn.*—R. R. Willey, Masonville (Exp. Fort Collins).

*Poudre.*—R. C. McConnell, Bellvue (Exp. Fort Collins).

*Livermore.*—A. G. Clayton, Livermore.

*North Park.*—Richard L. Clarke, Walden.

**Durango-San Juan.**—H. Earl French, Durango (WU); Charles B. Mack, deputy forest supervisor; Teresa V. Fackerell, senior clerk.

*Ranger District: La Plata.*—James C. Maloy, Durango.

*Hermosa.*—Lewis R. Rist, Durango.

*Silverton.*—William H. Crocker, Silverton.

*Animas.*—Thomas E. Price, Durango.

*Pine.*—Harry D. Hauser, Bayfield (Exp. Ignacio).

*Chimney.*—Frank E. Loring, Piedra (Exp. Pagosa Springs).

*Piedra.*—James B. Beals, Debs (Exp. Pagosa Springs).

*Pagosa.*—Paul D. Irwin, Pagosa Springs.

*Treasure.*—Frank McDaniel, Pagosa Springs.

*Blanco.*—Harry L. Norris, Pagosa Springs.

**Gunnison.**—Charles Steuart, Gunnison (WU); Maude G. Bray, senior clerk.

*Ranger District: Pitkin.*—Jesse L. Trickel, Pitkin.

*Taylor Park.*———, Pitkin.

*Crested Butte.*—Arthur L. Mills, Crested Butte.

*Anthracite.*—Edwin L. Miller, Baldwin (Exp. Gunnison).

*North Fork.*—Thomas H. Thurman, Paonia.

*Sapinero.*—G. M. Sprague, Sapinero.

*Black Mesa.*—B. C. Heilman, Crawford (Exp. Hotchkiss).

**Holy Cross.**—Harry H. French, Glenwood Springs (WU); G. M. Hunter, deputy forest supervisor; Leon A. Ek, senior clerk.

*Ranger District: Sheephorn.*—H. E. Flæk, Radium.

*Pando Unit.*—W. C. Clemmons, Pando.

*Red Cliff.*—W. M. Seanlan, Red Cliff.

*Avon.*—R. C. Prater, Avon.

*Eagle.*—Wm. S. Brown, Eagle.

*Cattle Creek.*—V. C. Holcomb, Seven Castles (Exp. Emma).

*Frying Pan.*———, Meredith (Exp. Emma).

*Aspen.*—L. C. Shoemaker, Aspen.

*Capitol Creek.*—F. H. Bailey, Aspen.

*Crystal River.*—R. M. Bradshaw, Carbondale.

**Leadville.**—Harold L. Borden, Leadville (WU, P); P. V. Woodhead, deputy forest supervisor; Mary B. Hughes, senior clerk.

*Ranger District: Buena Vista.*—James L. Frame, Buena Vista.

*Leadville.*—Merle F. Frey, Leadville.

*Dillon.*—Edward F. Heaton, Dillon.

*Blue River.*—Stanley A. Mahan, Dillon.

*South Park.*—D. S. Wright, Fairplay.

**Montezuma.**—A. F. C. Hoffman, Mancos (WU); Robert H. Easterbrooks, forest examiner; Mary E. Cooper, senior clerk.

*Ranger District: Mancos.*—J. Ward Emerson, Maneos.

*Dolores.*—H. E. Kauffman, Dolores.

*Glade.*—D. S. Thomas, Dolores.

*Norwood.*—W. I. Wilson, Norwood.

*Telluride.*—Rich R. Thomson, Telluride.

*Rico.*—James C. Cayton, Rieo.

**Pike.**—Ress Philips, district forest inspeetor, Denver (WU, P); William R. Fraser, deputy forest supervisor; Everard S. Keithley, forest examiner; Jacob Roeser, jr., forest assistant; L. T. Mahurin, senior clerk. Monument Nursery, W. H. Schrader, forest planting assistant, Monument.

*Ranger District: Clear Creek.*—W. B. Kelso, Idaho Springs.

*Jefferson.*—J. B. Fitzsimmons, Cassels (Exp. Grant).

*South Platte.*—F. C. Parret, Buffalo Creek (Exp. Pine Grove).

*Lake George.*———, Lake George (Exp. Divide).

*Devils Head.*—Fred Stell, Woodland Park.

*Pikes Peak (N).*—F. E. Poley, Cascade (Exp. Colorado Springs).

*Pikes Peak (S).*—J. H. Patterson, Colorado Springs.

**Rio Grande.**—R. E. Clark, district forest inspeetor, Monte Vista (WU); Walter F. Bowers, deputy forest supervisor; Lillie M. Grubb, senior clerk.

*Ranger District: Pyramid.*—E. L. Bennett, Creede.

*Creede.*—Roy M. Truman, Creede.

*Alder.*—J. L. Nelson, South Fork.

*South Fork.*—J. A. Hagerman, South Fork.

*Del Norte.*—William M. Darley, Monte Vista.

*Conejos.*—W. E. Jennings, Antonito.

**Routt.**—Ray Peek, Steamboat Springs (WU); H. D. Coehran, forest assistant; Agnes McNair, senior clerk.

*Ranger District: Park Range.*—Percy Ray, Coalmont.

*Gore.*—Charles W. Euler, Yampa.

*Steamboat.*—Lewis L. Segur, Steamboat Springs.

*Hahns Peak.*—Frank H. Rose, Hahns Peak (Exp. Steamboat Springs).

*Snake River.*—William F. Cochran, Columbine (Exp. Steamboat Springs).

*Bears Ears.*—G. P. McClanahan, Craig.

**San Isabel.**—Albin G. Hamel, Pueblo (WU); S. E. Doering, deputy forest supervisor; R. S. Duncan, senior clerk.

*Ranger District: Hardscrabble.*—J. J. Lowell, Wetmore (Exp. Florence).

*Greenhorn.*—Harry Friend, Rye (Exp. Pueblo).

*Westcliffe.*—Neal O. McKinley, Westcliffe.

*Salida.*———, Salida.

*San Luis.*—J. A. Sharp, Mirage (Exp. Mineral Hot Springs).

*Blanca.*—Paul Gilbert, Gardner (Exp. Walsenburg).

*Las Animas.*—Karl Gilbert, La Veta.

**Uncompahgre.**—Dwight S. Jeffers, Delta (WU); Karl G. Brown, senior clerk.

*Ranger District: North End.*—Elmer F. Reed, Grand Junction.

*Delta.*—H. C. Bennett, Delta.

*Nucla.*—R. C. Miller, Nuela.

*Horsefly.*—F. E. Maupin, Delta.

*Ouray.*—Thomas J. Watkins, Ouray.

*Cimarron.*—John H. Keep, Ridgway.

*Lake Fork.*—William Doran, Lake City.

**White River.**—James A. Blair, Glenwood Springs (WU); Theodore Krueger, forest examiner; Ethelwyn Jones, senior clerk.

*Ranger District: Sleepy Cat.*—S. E. Alderson, Marvine (Exp. Meeker).

*Williams Fork.*—Bert L. Miller, Pagoda (Exp. Craig).

*Bear River.*—Elmer E. Stephenson, Yampa.

*Burns Hole.*—Felix E. Read, Riland.

*New Castle.*—George A. Powell, New Castle.

*Miller Creek.*—Byron L. Groesbeck, Meeker.

*Shoshone.*—R. W. McDonald, Glenwood Springs.

#### MICHIGAN.

**Michigan.**—R. G. Schreek, East Tawas (WU); Edith C. Lutzke, senior clerk. Beal Nursery, East Tawas.

*Ranger District: Tawas.*—Ralph H. Johnson, East Tawas.

*Mio.*—Bennett S. Azer, Mio (Exp. Rose City).

*Marquette.*—C. E. Worthy, Raco.

*Au Sable.*———, Oseoda.



## MINNESOTA.

**Minnesota.**—G. E. Marshall, Cass Lake (WU); R. W. Henry, senior clerk. Cass Lake Nursery.

*Ranger District: Cass Lake.*—Harry D. Petheram, Cass Lake.

*Bena.*—M. J. Cummings, Bena.

*Cutfoot Sioux.*—George Farley, Deer River (Exp. Bena).

**Superior.**—C. A. Dahlgren, Ely (WU); Troy Fox, forest assistant; Joseph Pluth, senior clerk.

*Ranger District: Sioux River.*—John G. Handberg, Buyek (Exp. Orr).

*Sawbill.*—J. E. Mulligan, Grand Marais.

*Island Lake.*—M. J. Valentine, Grand Marais.

*Big Lake.*—E. V. Everett, Ely.

*Stony.*—Thos. A. Denley, Ely.

*Kawishiwi.*—Frank Carney, Ely.

*Brule Lake.*—Charles Taylor, Grand Marais.

## NEBRASKA.

**Nebraska.**—Jay Higgins, Halsey (WU); Ralph W. Gray, senior clerk. Morton Nursery, Joseph A. Sweeney, forest ranger, Nenzel. Bessey Nursery, Harry C. Turner, forest planting assistant, Halsey.

*Ranger District: Niobrara.*—John G. Lord, Nenzel.

## SOUTH DAKOTA.

**Black Hills.**—George A. Duthie, Deadwood (WU); Thomas H. Gill, deputy forest supervisor; N. E. Peterson, lumberman; William Tokola, senior clerk.

*Ranger District: Spearfish.*—M. C. Henderson, Savoy.

*Crook Mountain.*—Frank T. Smith, Sturgis.

*Hardy.*—Charles L. Webber, Lead.

*Rochford.*———, Rochford.

*Merritt.*—Manford R. Hickel, Nemo.

*Pactola.*—Marion J. Webber, Pactola (Exp. Nemo).

*Nemo.*—Haines F. Pond, Nemo.

*Bearlodge.*—William A. Robison, Aladdin, Wyo.

*Black Buttes.*—George A. Price, Savoy.

**Harney.**—James F. Conner, Custer (WU); John V. Leighou, forest examiner W. C. Roberts, senior clerk.

*Ranger District: Keystone.*—George S. Haynes, Keystone (Exp. Hill City).

*Hill City.*—Charles H. Fox, Hill City.

*Bear Mountain.*—Homer R. Raver, Custer.

*Custer.*—H. A. Gould, Custer.

*Pringle.*—N. E. Hibbard, Pringle.

*Elk Mountain.*—Clair V. Cooke, Dewey.

*Limestone.*—Guy Wickard, Newcastle.

## WYOMING.

**Bighorn.**—E. W. Tinker, Sheridan (WU); Andrew G. Stockwell, deputy forest supervisor; F. L. Archer, senior clerk.

*Ranger District: Porcupine.*—C. B. Morgareidge, Lovell.

*Tongue.*—Hans N. Kleiber, Dayton (Exp. Ranchester).

*Shell.*—Thomas Weir, Shell (Exp. Greybull).

*Paintrock.*—Bly Dickson, Hyattville (Exp. Manderson).

*Goose.*—Y. Z. David, Big Horn (Exp. Sheridan).

*Buffalo.*—August Hettinger, Buffalo.

*Tensleep.*—F. P. Legat, Tensleep (Exp. Manderson).

**Hayden.**—James Blackhall, Encampment (WU, P); Hazel Wilson, senior clerk.

*Ranger District: Big Creek.*—Reed A. Higby, Big Creek (Exp. Encampment via Walcott).

*Encampment.*———, Encampment (Exp. Walcott).

*North End.*—Richard R. Riggs, Saratoga (Exp. Saratoga via Walcott).

*Snake River.*—Penn L. Gooldy, Savery (Exp. Wamsutter).

**Medicine Bow.**—Huber C. Hilton, Laramie (WU, P); K. J. Helmick, lumberman; James M. Walley, forest assistant; Louis E. Coughlin, senior clerk.

*Ranger District: Foxpark.*—Joseph Van Ende, Foxpark.

*Keystone.*—John E. Krause, Holmes (Exp. Albany).

*Brush Creek.*—Milton E. Ames, Saratoga.

*Bow.*—Frank E. Henry, Elk Mountain (Exp. Hanna).

*Sevenmile.*—Evan J. Williams, Centennial.

**Shoshone.**—Andrew Hutton, Cody (WU); Ralph R. Shaw, national forest examiner; R. O. Myers, senior clerk.

*Ranger District: Wood River.*—Don G. Fawcett, Sunshine.

*Greybull.*—Merrill Snyder, Pitchfork (Exp. Cody).

*South Fork.*—W. J. Petermann, Ishawooa (Exp. Cody).

*Canyon Creek.*—J. E. Lehman, Wapiti (Exp. Cody).

*North Fork.*—C. C. Spencer, Wapiti (Exp. Cody).

*Sunlight.*—M. S. Hulse, Painter (Exp. Cody).

*Clarks Fork.*—Alfred W. Mengel, Painter (Exp. Cody).

**Washakie.**—Arthur M. Cook, Lander (WU); E. A. Johnson, forest assistant; Frank E. McGrew, lumberman; Charles M. Hall, senior clerk.

*Ranger District: Absaroka.*—G. W. Goodson, Dubois.

*Sheridan.*—M. R. Taylor, Dubois (Exp. Lander).

*Dubois.*—B. R. McAdam, Dubois (Exp. Lander).

*Middlefork.*—George F. Tucker, Lander.

## DISTRICT 3.

## SOUTHWESTERN DISTRICT.

Arizona and New Mexico. Office, Gas and Electric Building, Albuquerque, N. Mex.

FRANK C. W. POOLER, district forester.

PUBLIC RELATIONS.—Joseph C. Kircher, Edward P. Ancona.

DISTRICT FOREST INSPECTORS.—Joseph C. Kircher, T. T. Swift, Safford, Ariz.; Crook. Frank E. Andrews, Santa Fe, N. Mex.; Santa Fe. W. H. Goddard, Roosevelt, Ariz.; Tonto.

LAW.—Office of the solicitor (Forest Service branch). Charles S. Brothers, assistant to the solicitor.

ACCOUNTS.—Albert Morris, chief of office and fiscal agent; S. H. Buseh, district fiscal agent.

OPERATION.—Aldo Leopold, assistant district forester; James F. Mullen, national forest examiner, assistant chief; L. V. Slonaker, telephone engineer.

MAINTENANCE.—H. B. Hammond.

FOREST MANAGEMENT.—R. E. Marsh, assistant district forester; D. M. Lang, lumberman; Quincy Randles, forest examiner.

INVESTIGATIONS.—Marinus Westveld, forest examiner.

W. H. Long, consulting pathologist, Albuquerque, N. Mex.

GRAZING.—John Kerr, assistant district forester; Paul H. Roberts, inspector of grazing.

STUDIES.—M. W. Talbot, grazing examiner.

RECONNAISSANCE.—C. K. Cooperrider, grazing examiner; H. O. Cassidy, M. J. Culley, grazing assistants.

LANDS.—John D. Jones, assistant district forester; M. M. Cheney, national forest examiner. Classification: Rex King and H. D. Burrall, forest examiners.

ENGINEERING.—C. A. Long, district engineer.

MAPS AND SURVEYS.———.

Drafting.—F. E. Landon.

Entry Surveys.—T. F. Myers, surveyor.

ROADS.—C. A. Long. Trail Surveys and Minor Road Construction: J. C. Mulder, R. L. Hughes.

WATER POWER.—C. A. Long.

## NATIONAL FORESTS.

## ARIZONA.

**Apache.**—R. J. Selkirk, Springerville (P—Exp. Holbrook); A. W. Voigt, deputy forest supervisor; Helen Walls, senior clerk.

*Ranger District: Alpine.*—H. H. Boyer, Alpine (Exp. Holbrook).

*Baseline-Clifton.*—J. C. Nave, deputy forest supervisor, Clifton.

*Blue.*—Roy Swapp, Blue (Exp. Holbrook).

*Eagle.*—Peter J. Wilson, Clifton (Exp. Holbrook).

*Greer.*—H. L. Haynes, Greer (Exp. Holbrook).

*Nutrioso.*—David S. Marks, Nutrioso (Exp. Holbrook).

**Coconino.**—E. G. Miller, Flagstaff (WU, P); J. A. Adams, forest supervisor; J. W. Girdner, deputy forest supervisor; L. R. Lessel, national forest examiner; R. L. Rhinehart, lumberman; P. H. Harley, senior clerk.

*Ranger District: Beaver Creek.*—Walter Hackleman, Camp Verde.

*Bly.*—J. D. Massey, Winslow.

*Flagstaff.*—M. L. Nichols, Flagstaff.

*Long Valley.*—W. J. Brown, Camp Verde (Exp. Clarkdale).

*Mormon Lake.*—Roy H. Rice, Flagstaff.

*Munds Park.*—J. I. Bushnell, Cornville (Exp. Clarkdale).

*Rogers Lake.*—John L. Stevens, Flagstaff.

*Walnut Canyon National Monument.*—Neil Erickson, Flagstaff.

**Coronado.**—H. G. Calkins, Tucsón (WU); F. L. W. Grubb, forest supervisor; C. W. McKenzie, deputy forest supervisor; Valerie M. Krause, senior clerk.

*Ranger District: Santa Catalina.*—Lyle B. Smith, Oracle (Exp. Tucsón).

*Huachuca.*—R. A. Rodgers, Cannille (Exp. Fort Huachuca).

*Paradise.*—O. P. Schoenberg, deputy forest supervisor, Rodeo.

*Peloncillo.*—A. W. Pigott, Apache.

*Rincon.*—G. E. Galer, Vail.

*Santa Rita.*—C. B. Scholefield, Vail.

*Sunset.*—A. F. McDuffie, Chiricahua (Exp. Douglas).

*Tumacacori.*—Robert Thompson, Nogales.

*Dragoon-Whetstone.*———, Cochise.

**Crook.**—T. T. Swift, district forest inspector, Safford (WU); W. L. Stiles, senior clerk.

*Ranger District: Aravaipa.*—H. E. Chipman, Klondyke (Exp. Wileox).

*Pinal.*—F. L. Kirby, deputy forest supervisor, Globe.

*Queen Creek.*—H. L. Taylor, Globe.

*Mount Graham.*—C. V. Christensen, deputy forest supervisor, Safford.

**Prescott.**—H. Basil Wales, Prescott (WU); Robert Munro, national forest examiner; Rosemary R. Campbell, senior clerk.

*Ranger District: Bloody Basin.*—W. M. Mickelson, Mayer.

*Cave Creek.*—George Mutz, Cave Creek.

*Cherry.*—Alfred P. Jahn, Cherry (Exp. Cherry Creek).

*Crown King.*—R. S. Taliaferro, Crown King.

*Jerome.*—George K. Pradt, Jerome.

*Prescott.*—J. C. McNulty, deputy forest supervisor, Prescott.

*Skull Valley.*—H. H. Higgins, Skull Valley.

*Walnut Creek.*—E. H. Oldham, Simmons (Exp. Prescott).

**Sitgreaves.**—T. C. Hoyt, Snowflake (P); A. G. McCloskey, senior clerk.

*Ranger District: Chevalon.*—W. E. Baldwin, Winslow.

*Heber.*—L. S. Kartchner, Heber (Exp. Holbrook).

*Lakeside.*—C. Shumway, Lakeside (Exp. Holbrook).

*Pinedale-Park.*—D. E. Slosser, Pinedale (Exp. Holbrook).

*Showlow.*—R. D. Rowley, Shumway (Exp. Holbrook).



**Tonto.**—W. H. Goddard, district forest inspector, Roosevelt (WU); J. H. Sizer; deputy forest supervisor; Ruth Safford, senior clerk.

*Ranger District: Mazatzal.*—A. I. Hall, Roosevelt (Exp. Globe).

*Payson.*—R. C. James, Payson (Exp. Globe).

*Pine.*—M. M. Bruhl, Pine (Exp. Globe).

*Pleasant Valley.*—G. B. Rencher, Young (Exp. Globe).

*Salt River.*———, Roosevelt (Exp. Globe).

*Sierra Ancha.*—W. M. Sherman, Spring Creek (Exp. Globe).

**Tusayan.**—James A. Scott, Williams (WU, P); G. W. Kimball, forest examiner, Hans Bothe, senior clerk.

*Ranger District: Anita-Moqui.*—J. E. Kintner, Williams.

*Ash Fork.*—F. J. Cox, Ash Fork.

*Chalender.*—Frank Bascom, Parks (Exp. Williams).

*Spring Valley.*—J. E. Cook, Parks (Exp. Williams).

*Verde.*—Fred Haworth, Punttenney (Exp. Cedar Glade).

*Williams.*—T. W. Rice, Williams.

#### NEW MEXICO.

**Carson.**—E. W. Loveridge, Taos (WU—Exp. Taos Junction); C. R. Dwire, deputy forest supervisor; Luis P. Martinez, senior clerk.

*Ranger District: Canjilon.*—J. L. Hughes, Canjilon (Exp. Chama).

*Jicarilla.*—R. L. Ground, Vaqueros (Exp. Dulce).

*Questa.*—L. F. Cottam, Questa (Exp. Jarosa).

*San Antone.*—T. J. Ground, Ortiz (Exp. Antonito).

*Servilleta.*—C. G. Harrington, Tusas (Exp. Tres Piedras).

*Vallecitos.*—E. L. Perry, Vallecitos (Exp. La Madera).

*Taos.*—Eugene Stover, Taos (Exp. Taos Junction).

**Coronado.**—See Arizona.

**Datil.**—A. H. Douglas, Magdalena (WU); S. F. Wilson, forest examiner; W. T. Anderson, national forest examiner; Anna E. Fraser, senior clerk.

*Ranger District: Baldwin.*—Frank Hiler, Datil (Exp. Magdalena).

*Black Range.*—R. B. Ewing, Fairview (Exp. Engel).

*Elk Mountain.*—J. B. Crain, Datil (Exp. Magdalena).

*Frisco.*—J. A. Simmons, national forest examiner, Reserve (Exp. Magdalena).

*Jewett.*—Louis Ketcham, Aragon (Exp. Magdalena).

*Luna.*—B. S. Rogers, Luna (Exp. Magdalena).

*Magdalena.*—S. Q. Garst, Magdalena.

*Red Rock.*—R. S. Blatchford, Monticello (Exp. Engle).

*Rosedale.*—H. P. Barksdale, Rosedale (Exp. Magdalena).

*Tulerosa.*—W. L. Onstad, Aragon (Exp. Magdalena).

**Gila.**—Frederic Winn, Silver City (WU); L. J. Putsch, forest supervisor, H. Norton Cope, deputy forest supervisor; Warren M. Cox, senior clerk.

*Ranger District: Big Burros.*—W. R. Warner, Tyrone.

*Black Range.*—J. R. Painter, Kingston (Exp. Lake Valley).

*Frisco.*—C. H. Bowen, Buckhorn (Exp. Silver City).

*McKinney Park.*—Henry Woodrow, Cliff (Exp. Silver City).

*Mimbres.*—J. R. McLure, Mimbres (Exp. Santa Rita).

*Mogollon.*—C. L. Warnock, Mogollon (Exp. Silver City).

*Pinos Altos.*—C. E. Hulbert, Pinos Altos (Exp. Silver City).

**Lincoln.**—O. F. Arthur, Alamogordo (WU); K. C. Kartchner, forest supervisor; Simeon Strickland, lumberman; Anita P. Kellogg, senior clerk.

*Ranger District: Capitan.*—B. A. Hendricks, Lincoln (Exp. Capitan).

*Cloudcroft.*—H. G. Smith, Cloudcroft.

*Gallinas.*—W. H. Woods, Corona.

*Guadalupe.*—Lea Beall, Queen (Exp. Carlsbad).

*Mayhill.*—M. J. Addison, Mayhill (Exp. Cloudcroft).

*Ruidoso.*—G. W. Messer, Glencoe (Exp. Capitan).

*Weed.*—A. S. Wingo, Weed (Exp. Cloudcroft).

*White Mountain-Patos.*—J. A. Brubaker, Capitan.

**Manzano.**—Ward Shepard, Albuquerque (WU, P); C. H. Kissam, national forest examiner; G. L. Beckwith, senior clerk.

*Ranger District: Northern.*—G. O. Wheeler, Tijeras (Exp. Albuquerque).

*Southern.*—L. A. Shartzer, Mountainair.

*Mount Taylor.*—A. E. Watson, Grants.

*Zuni.*—F. E. Brennan, McGaffey (Exp. Perea).

**Santa Fe.**—Frank E. Andrews, district forest inspector, Santa Fe (WU, P); L. R. De Camp, forest supervisor; G. T. Backus, forest examiner; M. J. Pettis, senior clerk.

*Ranger District: Borrego.*—W. J. Pinson.

*Chama.*—J. A. Rodriguez, Coyote (Exp. Espanola).

*Cochiti.*—B. H. Brown, Bland (Exp. Domingo).

*Cuba.*—F. D. Harris, Senorito (Exp. Albuquerque).

*Gallina.*—J. I. Hatch, Gallina (Exp. Espanola).

*Panchuela.*—J. W. Johnson, Cowles (Exp. Glorieta).

*Mora-San Miguel.*—M. F. Pincetl, El Pour Venir (Exp. Las Vegas).

*Sands.*—A. F. Martinez, Soham.

*Santa Clara.*—F. V. Plomteaux, Espanola.

*Tesuque.*—L. D. Blodgett, Santa Fe.

*Bandelier National Monument.*—D. E. Harbison, Santa Fe.

## DISTRICT 4.

### INTERMOUNTAIN DISTRICT.

Utah, southern Idaho, western Wyoming, eastern and central Nevada, and north western Arizona. Office, Forest Service Building, Ogden, Utah.

R. H. RUTLEDGE, district forester.

PUBLIC RELATIONS.—James E. Scott.

LAW.—Office of the solicitor (Forest Service branch). E. S. French, assistant to the solicitor.

ACCOUNTS.—Homer A. Seip, chief of office and fiscal agent; A. C. Wycoff, district fiscal agent.

OPERATION.—Chas. D. Simpson, assistant district forester; Carl B. Arentson, executive assistant; R. B. Adams, telephone engineer.

STATE COOPERATIVE FIRE PROTECTION UNDER THE WEEKS LAW.—Charles D. Simpson. I. H. Nash, State land commissioner, Boise, Idaho, collaborator.

MAINTENANCE.—W. B. Crites.

**FOREST MANAGEMENT.**—C. B. Morse, assistant district forester; S. S. Stewart, forest examiner; N. J. Fetherolf, planting assistant.

**GRAZING.**—C. N. Woods, assistant district forester; Ernest Winkler, inspector of grazing.

**STUDIES.**—D. A. Shoemaker, grazing examiner.

**LANDS.**—R. E. Gery, acting assistant district forester in charge; W. B. Rice, forest examiner assistant; S. B. Locke, forest examiner, fish and game.

**RESEARCH.**—F. S. Baker, forest examiner.

**ENGINEERING.**—J. P. Martin, district engineer; F. J. Ryder, administrative assistant.

**MAPS AND SURVEYS.**—M. S. Wright.

**Drafting.**—C. D. Jackson.

**Entry Surveys.**—C. J. Truscott.

**ROADS.**—J. P. Martin, H. G. McPheters, R. A. Brown, O. W. Torgeson, and Kib P. Cook, assistants.

**WATER POWER.**—J. P. Martin.

#### EXPERIMENT STATION.

**Great Basin, Manti National Forest.**—Arthur W. Sampson, plant ecologist, in charge.

#### NATIONAL FORESTS.

##### ARIZONA.

**Kaibab.**—J. C. Roak, Kanab, Utah (WU-Exp. Marysvale, Utah); Millie Young, clerk.

*Ranger District: Jacob Lake.*—Delmar McCuistion, Kanab, Utah (Exp. Marysvale, Utah).

*Big Springs.*—Benjamin Swapp, Kanab, Utah (Exp. Marysvale, Utah).

##### IDAHO.

**Boise.**—E. Grandjean, district forest inspector, Boise (WU); W. M. Campbell, forest supervisor; Mabel M. Sturgis, senior clerk.

*Ranger District: Long Gulch and Danskin.*—John E. Irby, Lenox (Exp. Mountain Home).

*Cottonwood.*—Earl Templeton, Barber (Exp. Boise).

*Idaho City and Graham.*—Walter T. Berry, Idaho City (Exp. Boise).

*Atlanta.*—John D. Selby, Atlanta (Exp. Mountain Home).

*Lowman.*—Warren C. Taylor, Lowman (Exp. Banks).

*Pine.*—Harry Heller, Pine (Exp. Mountain Home).

**Cache.**—See Utah.

**Caribou.**—Earl C. Sanford, Montpelier (WU); Robert W. Strong, deputy forest supervisor; Lucile C. Kroge, senior clerk.

*Ranger District: Snake River.*—Jess D. Bedwell, Antelope (Exp. Ririe).

*Grays Lake.*—Lewis C. Mathews, Wayan (Exp. Soda Springs).

*Freedom.*—Charles A. Spackman, Freedom, Wyo. (Exp. Montpelier).

*Auburn.*—James B. Bruce, Auburn, Wyo. (Exp. Montpelier).

*Soda Springs.*—Arthur Peterson, Soda Springs.

*Montpelier.*—Camas Nelson, Montpelier.



**Challis.**—David Laing, Challis (WU); Charles C. Shaw, forest ranger; A. L. Moats, senior clerk.

*Ranger District: Challis.*—Willard Frost, Challis (Exp. Mackay).

*Clayton.*—John S. Malm, Clayton (Exp. Mackay).

*Loon Creek.*—Ned Foster, winter address, Meyers Cove; summer address, Stanley (Exp. Mackay).

*Stanley.*—Edgar P. Huffman, Stanley (Exp. Mackay).

**Idaho.**—John Raphael, district forest inspector, McCall (WU, P); Andrew S. Casner, deputy forest supervisor; William C. McCormick, fire assistant; Fred L. Williams, senior clerk.

*Ranger District: Meadows.*—Frank E. Gray, McCall.

*Warren.*—Henry W. May, Warren (Exp. McCall).

*Chamberlain.*—Morris Powell, Warren (Exp. McCall).

*Lake Fork.*—Charles A. Chitwood, McCall.

*Roseberry.*—Walter A. Estep, Roseberry (Exp. Donnelly).

*Yellow Pine.*———, Yellow Pine (Exp. McCall).

*Big Creek.*———, Clover (Exp. McCall).

**Lemhi.**—C. F. Evans, Mackay (WU); Gwen Roe, senior clerk.

*Ranger District: Medicine Lodge.*———, Winsper (Exp. Dubois).

*Little Lost River.*—Robert Johnson, Mackay.

*Pahsimeroi.*—L. L. Hammer, May (Exp. Mackay).

*Antelope.*—J. L. Phillips, Grouse (Exp. Mackay).

*Wildhorse.*—Carrol C. Pelton, Mackay.

**Minidoka.**—R. D. Garver, Burley (WU); J. W. Stokes, forest supervisor; C. H. Burrage and D. M. Rustay, forest assistants; Evelyn Ferrin, senior clerk.

*Ranger District: Cassia West.*—C. E. Jensen, Rogerson.

*Cassia East.*—E. E. Stock, Oakley.

*Albion Mountain.*—H. L. Smith, Elba (Exp. Oakley).

*Rastriver.*—J. H. Kroencke, Yost, Utah (Exp. Kelton, Utah).

*Black Pine.*—W. H. Taft, Strevell (Exp. Kelton, Utah).

*Sublett.*—Bert Mahoney, Sublett (Exp. Burley).

**Payette.**—Guy B. Mains, district forest inspector, Emmett (WU); F. S. Moore, forest supervisor; Francis Wallis, deputy supervisor; A. P. Larson, senior clerk.

*Ranger District: West Mountain.*—Arthur Potter, Ola (Exp. Smiths Ferry).

*Garden Valley.*—Frank H. Miller, Garden Valley (Exp. Banks).

*Deadwood-Bear Valley.*—George E. Russell, Garden Valley (Exp. Banks).

*Long Valley.*—H. J. Burr, Cascade.

*Penn Basin.*—DeWitt Russell, Cascade.

*Middle Fork Salmon.*—Graham E. McConnell, Cascade.

**Salmon.**—S. C. Scribner, Salmon (WU); E. R. Renner, deputy forest supervisor.

*Ranger District: Indianola.*—Carlton F. Clark, Northfork (Exp. Salmon).

*Hughes Creek.*—Marion E. Mahoney, Northfork (Exp. Salmon).

*Salmon.*—R. E. Allan, Salmon.

*Forney.*—Allen H. Wheeler, Leesburg (Exp. Salmon).

*Lemhi.*—Clarence D. Huestis, Lemhi.

*Leadore.*—Don M. Casterlin, Leadore.



**Sawtooth.**—M. S. Benedict, district forest inspector, Hailey (WU); W. L. Priest, senior clerk.

*Ranger District: Greenhorn.*—N. C. Jensen, Hailey.

*Flowers.*—A. R. Griffith, Ketchum.

*Pole Creek.*—W. H. Horton, Ketchum.

*Soldier.*—J. E. Minear, Fairfield.

*Shake Creek.*—A. T. Osborn, Featherville (Exp. Mountain Home).

**Targhee.**—S. W. Stoddard, St. Anthony (WU); John N. Kinney, deputy forest supervisor; Theresa B. Harris, senior clerk.

*Ranger District: Spencer.*—Foster Steele, Spencer.

*Camas.*—K. C. Allan, Kilgore (Exp. Spencer).

*Big Springs.*—D. L. Enteman, Ashton.

*Hallie Park.*—Lemuel Steele, jr., deputy forest supervisor, Ashton.

*Porcupine.*—Ira Latham, Ashton.

*Rapid Creek.*—Ray Pickett, Driggs.

*Victor.*—Claud C. Shannon, Victor.

*Grandview.*—Francis Moss, Canyon Creek (Exp. Tetonia).

*Hawley Gulch.*—Arthur G. Nord, Heise (Exp. Rigby).

*Swan Valley.*—T. D. Cowan, Irwin.

**Weiser.**—L. F. Watts, Weiser (WU); T. V. Pearson, deputy forest supervisor; Irene A. Knight, clerk.

*Ranger District: Indian Valley.*—Robert E. Clabby, Indian Valley (Exp. Cambridge).

*Council.*—Elmer C. Ross, deputy forest supervisor, Council.

*Mann Creek.*—Keith A. Dodge, Weiser, Route No. 2.

*Brownlee.*—Elmer E. McGinness, Cambridge.

*Hornet.*—Ethel H. Fears, Council.

*Bear.*—William J. Rafferty, Bear (Exp. Council).

*Price.*—Willard A. McDowell, Tamarack.

#### NEVADA.

**Humboldt.**—C. E. Favre, district forest inspector, Elko (WU, P); O. W. Mink, deputy forest supervisor; J. A. O'Connell, senior clerk.

*Ranger District: Independence.*—Charles E. Butler, Tuscarora (Exp. Elko).

*Mountain City.*—L. E. McKenzie, Mountain City (Exp. Elko).

*Gold Creek.*—C. D. Miller, Gold Creek (Exp. Elko).

*Jarbidge.*—Thos. J. Wells, Jarbidge (Exp. Rogerson).

*North Ruby.*—A. C. Rohwer, Arthur (Exp. Deeth).

*South Ruby.*—J. W. Mink, Jiggs (Exp. Elko).

*Paradise Valley.*—Paul L. Travis, Paradise Valley (Exp. Winnemucca).

*Quinn River.*———, Rebel Creek (Exp. Winnemucca).

**Nevada.**—Alexander McQueen, Ely (WU); Effie J. McQueen, senior clerk.

*Ranger District: Baker.*—Graham S. Quate, Baker (Exp. Ely).

*Berry Creek.*—George E. Moore, McGill.

*Currant.*—Claude R. Townsend, Currant (Exp. Ely).

*Spring Valley.*—Lloyd Robison, Aurum (Exp. Ely).

**Toyabe.**—J. W. McGowan, Austin (WU, P); Ruth L. Trolson, clerk.  
*Ranger District: Manhattan.*—A. W. Mayett, Manhattan (Exp. Austin).  
*Austin.*—R. H. McDougall, Austin.  
*Potts.*—Roy A. Brown, Potts (Exp. Austin).  
*Reese River.*—J. D. Schoeller, Austin (Exp. Austin).

## UTAH.

**Ashley.**— ———, Vernal (WU); June P. Allan, senior clerk.  
*Ranger District: Manila.*—George W. Walkup, Manila (Exp. Green River, Wyo.).  
*Trout Creek.*—Albert A. Hardy, Vernal.  
*Vernal.*—H. O. Van Tassell, Vernal.  
*Lonetree.*—Albert E. Rae, Lonetree, Wyo. (Exp. Carter, Wyo.)  
*Whiterocks.*—Thomas R. Parry, Whiterocks (Exp. Whiterocks).  
*Altonah.*—Albert E. Blood, Altonah (Exp. Vernal).

**Cache.**—E. C. Shepard, district forest inspector, Logan (WU); E. B. Spencer, forest supervisor; Margaret E. Jensen, senior clerk.  
*Ranger District: Logan River.*—H. I. Rice, deputy forest supervisor, Logan.  
*Rich County.*— ———, Laketown (Exp. Paris, Idaho).  
*High Creek.*—L. C. Smith, Smithfield.  
*Bear Lake County.*—W. S. Averill, Paris, Idaho.  
*Cub River.*—Leroy Lindsay, Minkcreek, Idaho (Exp. Preston, Idaho).  
*Sherman Peak.*—F. O. Rowen, Soda Springs, Idaho.  
*Pocatello.*—S. R. Justice, Pocatello, Idaho.  
*Portneuf.*—W. H. Campbell, Bancroft, Idaho.  
*Oxford and Elkhorn.*—Moses Christensen, Malad, Idaho.

**Dixie-Sevier.**—William M. Mace, Cedar City (WU); R. T. Forbes, senior clerk.  
*Ranger District: Enterprise.*—Parley P. Peterson, Enterprise (Exp. Modena).  
*Pine Valley.*—Samuel A. Macfarlane, Pine Valley (Exp. Modena).  
*Little Valley.*—William M. Hurst, Panguitch (Exp. Marysvale).  
*Lowder.*— ———, Cedar City (Exp. Lund).  
*Harris Flat.*—Frank W. Seaman, Panguitch (Exp. Marysvale).

**Fishlake-Fillmore.**—C. A. Mattsson, Richfield (WU); James E. Gurr, deputy forest supervisor; Allen C. Folster, principal clerk.  
*Ranger District: Pioneer.*—Bert L. Robins, Scipio (Exp. Juab).  
*Parant.*—James Jensen, Fillmore (Exp. Oasis).  
*Redview.*—H. M. Christensen, Richfield.  
*Koosharem.*—James H. Baldwin, Monroe (Exp. Elsinore).  
*Belknap.*—Chester Olsen, Sevier (Exp. Sevier).  
*Tushar.*—Blaine Betenson, Beaver (Exp. Milford).  
*Gooseberry.*—John Barnard, Salina.  
*Elkhorn.*—Albert Albertson, Loa (Exp. Sigurd).  
*Fishlake.*—Rex N. Barnard, Koosharem (Exp. Sigurd).  
*Mountain Ranch.*—Joseph L. Thorpe, Salina.

**La Sal.**—Charles DeMoisy, jr., Moab (WU); Ethel Moore, senior clerk.

*Ranger District: La Sal.*—Wilford E. Tangren, La Sal (Exp. Thompson).

*Monticello.*—Lewis T. Quigley, deputy forest supervisor, Monticello (Exp. Thompson).

*Grayson.*—Marion P. Hunt, Monticello (Exp. Thompson).

**Manti.**—J. W. Humphrey, Ephraim (WU); Luella Christensen, senior clerk.

*Ranger District: Mount Baldy.*—Edward P. Cox, Manti.

*Clay Springs.*—D. H. Williams, Emery (Exp. Price).

*Seely Creek.*—Wells Thursby, Ephraim.

*Joe's Valley.*—Byron A. Howard, Huntington (Exp. Price.)

*Canyon View.*—Seth H. Ollerton, Mount Pleasant.

*Mammoth.*—Orange A. Olsen, Fairview.

**Minidoka.**—See Idaho.

**Powell-Sevier.**—George H. Barney, Widtsoe (WU); Addie G. Barney, senior clerk.

*Ranger District: Rabbit Valley.*—J. E. Hickman, jr., Teasdale (Exp. Salina).

*Escalante.*—Joseph J. Porter, Escalante (Exp. Marysvale).

*Johns Valley.*—Wallace H. Adair, Widtsoe (Exp. Marysvale).

*East Fork.*—Leland D. Heywood, Panguitch (Exp. Marysvale).

*Adams Head.*—Wilford Bentley, Panguitch (Exp. Marysvale).

**Uinta.**—W. W. Blakeslee, Provo (WU); Wallace M. Riddle, deputy forest supervisor; Emma Evans, senior clerk.

*Ranger District: Duchesne.*—Fred O. Johnson, Duchesne.

*Springville.*—Parley C. Madsen, Springville.

*Soldier Summit.*—Charles H. Alired, Springville.

*Currant Creek.*—Jas. A. Cahill, Heber.

*Red Creek.*—Geo. C. Larson, Heber.

*Hanna.*—E. J. Adair, Hanna (Exp. Duchesne or Park City).

*Payson.*—Wm. L. Huff, Payson.

*Nephi.*—A. P. Christiansen, Nephi.

**Wasatch.**—Dana Parkinson, Salt Lake City (WU, P); David A. Arrivee and Walter G. Mann, forest supervisors; La Rue Greenig, senior clerk.

*Ranger District: Big Cottonwood.*—George A. Green, jr., Sandy (Exp. Midvale).

*Pleasant Grove.*—Vivian N. West, Pleasant Grove.

*Salt Lake.*—William W. Smith, Murray.

*Kamas.*—Morgan Parke, Kamas (Exp. Park City).

*Blacks Fork.*—Charles H. McDonald, Evanston, Wyo.



## WYOMING.

**Teton.**—A. C. McCain, district forest inspector, Jackson (WU); E. P. Ellis, senior clerk.

*Ranger District: Buffalo.*—Richard H. Ohl, Moran (Exp. Victor, Idaho).

*Black Rock.*—Rudolph Rosencrans, Moran (Exp. Victor, Idaho).

*Horsetail.*—Bruce L. Coulter, Kelly (Exp. Victor, Idaho).

*Goosewing.*—Bruce L. Coutler, Kelly (Exp. Victor, Idaho).

*Jackson.*—Felix Buchenroth, Jackson (Exp. Victor, Idaho).

*Bryon Flat.*—William H. McKahan, Jackson (Exp. Victor, Idaho).

*Stewart.*—Charles S. Horel, Teton (Exp. Victor, Idaho).

*Lee.*—Earle W. Harris, Wilson (Exp. Victor, Idaho).

**Wyoming-Bridger.**—Charles A. Beam, Kemmerer (WU); Ernest E. McKee, deputy forest supervisor; Lewis B. Koch, lumberman; Elsie C. Bayer, clerk.

*Ranger District: Kelly.*—George H. Dunn, Cokeville, Wyo.

*Snyder Basin.*—Fred Graham, Big Piney (Exp. Opal).

*Sherman.*—Albert A. David, Merna (Exp. Opal).

*Afton.*—John W. Davis, Afton (Exp. Montpelier, Idaho).

*Smoot.*—James T. Moffat, Smoot (Exp. Montpelier, Idaho).

*Kendall.*—Harry A. Cheeseman, Kendall (Exp. Rock Springs).

*Willow Creek.*—David R. Hicks, Cora (Exp. Rock Springs).

*Fremont.*—Edmond V. Cockins, Pinedale (Exp. Rock Springs).

*Dutch Joe.*—Martin Murphy, Big Sandy (Exp. Rock Springs).

## DISTRICT 5.

## CALIFORNIA DISTRICT.

California and southwestern Nevada. Office, Ferry Building, San Francisco, Calif.

PAUL G. REDINGTON, district forester.

DISTRICT FOREST INSPECTORS.—R. H. Charlton, Los Angeles, Calif.; Angeles, Cleveland, and Santa Barbara. D. N. Rogers, Quincy, Calif.; California, Klamath, Modoc, Shasta, and Trinity. R. L. P. Bigelow, Nevada City, Calif.; Eldorado, Lassen, and Tahoe. M. A. Benedict, Northfork, Calif.; Sequoia, Sierra, and Stanislaus.

LAW.—Office of the Solicitor (Forest Service branch). H. P. Dechant, assistant to the solicitor.

ACCOUNTS.—A. W. Smith, chief of office and fiscal agent; P. A. Tucker, district fiscal agent.

OPERATION.—Robert L. Deering, assistant district forester.

FINANCE.—L. W. Hess, national forest inspector.

PERSONNEL AND INSPECTION.—Paul P. Pitchlynn, national forest examiner.

FIRE.—E. I. Kotok, forest examiner.

STATE COOPERATIVE FIRE PROTECTION UNDER THE WEEKS LAW.—E. I. Kotok. G. M. Homans, State forester, Sacramento, Calif., collaborator.

LAW ENFORCEMENT.—C. V. Brereton, national forest examiner.

MAINTENANCE.—E. H. Schmieder.



FOREST MANAGEMENT.—T. D. Woodbury, assistant district forester.

LOGGING ENGINEERING.—Perry Emigh and J. H. Price.

TIMBER SALES.—J. C. Elliott, lumberman.

TIMBER SURVEYS.—O. M. Evans, forest examiner.

FOREST PATHOLOGY.—E. P. Meinecke, consulting pathologist; H. G. Lachmund, Charles D. Meissner, and Willis W. Wagener, assistants; Frank Saltzman, superintendent, Experiment Station.

GRAZING.—

STUDIES.—, grazing examiner.

LANDS.—L. A. Barrett, assistant district forester; George Miller, national forest examiner.

MINERAL EXAMINATION, LAND CLASSIFICATION, and ENTRY SURVEYS.—W. H. Friedhoff, mineral examiner in charge of field work.

RESEARCH.—S. B. Show, forest examiner; Duncan Dunning, forest examiner.

FOREST PRODUCTS.—C. L. Hill, forest examiner; Carl A. Kupfer, collaborator.

ENGINEERING.—F. H. Fowler, district engineer; J. C. Dort, assistant district engineer.

MAPS AND SURVEYS.—S. W. Wynne; S. N. Stoner, in charge field parties.

Drafting.—H. A. Sedelmeyer.

ROADS.—F. H. Fowler, J. C. Dort, F. D. Bowlus.

Minor Roads, Trails, and Improvements.—S. W. Wynne, C. E. Jordan.

WATER POWER.—F. H. Fowler.

TELEPHONE ENGINEERING.—F. H. Hafley, telephone engineer.

PUBLIC RELATIONS.—; Paul J. Fair, exhibits.

## NATIONAL FORESTS.

### CALIFORNIA.

**Angeles.**—Shirley W. Allen, Los Angeles (WU, P); Earl V. Laekey, senior elerk.

*Ranger District: Pasadena.*—Wm. V. Mendenhall, deputy forest supervisor, Pasadena. Arroyo Seco Division: A. J. Mueller, Pasadena. Monrovia Division: F. H. Hayward, Sierra Madre. San Antonio Division: A. T. Shay, Upland. San Dimas Division: E. L. Buxton, San Dimas. San Fernando Division: E. B. Hamilton, San Fernando. San Gabriel Division: —, Azusa. Valyermo Division: L. H. Dorr, Valyermo. West Fork Division: —, Mount Wilson.

*Ranger District: San Bernardino.*—Fred J. Jeken, deputy forest supervisor, San Bernardino. Iamosa Division: Harry F. Burbank, Cucamonga. Banning Division: C. A. Morris, Banning. Big Bear Valley Division: L. H. Anderson, Pine Knot. Burnt Mill Division: B. W. Switzer, Little Bear Lake. Cajon Division: Joseph Hanf, Keenbrook. Glendora Division: H. C. Franklin, Glendora. Lytle Creek Division: J. H. Hayden, Keenbrook. Mill Creek Division: J. H. Sanborn, Mentone. San Bernardino Division: Geo. H. Moore, Del Rosa. Skyland Division: R. M. Tuttle, Crestline.

**California.**—J. D. Coffman, Willows (WU); B. H. Maece, deputy forest supervisor; Robert J. Settles, senior elerk.

*Ranger District: Covelo.*—Douglas Robinson, Covelo (Exp. Dos Rios).

*Paskenta.*—M. W. Durham, Paskenta (Exp. Corning).

*Stonyford.*—R. G. Stites, Stonyford (Exp. Maxwell).

*Upper Lake.*—G. E. Squires, Upper Lake (Exp. Ukiah).

**Cleveland.**—S. A. Boulden, San Diego (WU); Anna B. Stephens, senior clerk.

*Ranger District: Descanso.*—H. I. Snider, Descanso (Exp. San Diego).

*Palomar.*—H. C. Gerrish, Aguanga (Exp. Hemet).

*San Jacinto.*—C. R. C. Reindorp, Hemet.

*Trabuco.*—A. J. Berg, Corona.

**Eldorado.**—E. F. Smith, Placerville (WU); Margaret Lyon, senior clerk.

*Ranger District: Caldor.*—A. W. Hughes, Diamond Springs.

*Georgetown.*—R. C. Berriman, Georgetown (Exp. Placerville).

*Pacific.*—M. D. Morris, Camino (Exp. Placerville).

**Inyo.**—Thos. J. Jones, forest supervisor, Bishop (WU); Herschel Simpson, forest ranger in charge of grazing; Julia Greff, senior clerk.

*Ranger District: Big Pine.*—Leon J. Cranston, Big Pine.

*Mammoth.*—Guy S. Way, Bishop.

*Mount Whitney.*—E. E. Cuff, Lone Pine.

*White Mountain.*—Wesley Hotelling, Bishop.

**Klamath.**—W. A. Huestis, Yreka (WU); Billie I. Shannon, deputy forest supervisor; Harry R. Saxton, forest assistant; John R. Berry, sealer; Rollin A. Fairehild, senior clerk.

*Ranger District: Happy Camp.*—E. M. Sutcliffe, Happy Camp (Exp. Hornbrook).

*Orleans.*—E. P. Hickey, Orleans (Exp. Eureka).

*Salmon River.*—M. M. Barnum, Sawyers Bar (Exp. Yreka).

*Scott Bar.*—N. W. Coleman, Scott Bar.

*Yreka.*—Perry J. Hill, Yreka.

**Lassen.**—C. E. Dunston, Mineral (WU) (Exp. Red Bluff); T. C. West, deputy forest supervisor; A. E. Wieslander, forest examiner; Howard E. Marshall, senior clerk; Vance S. Brown, sealer.

*Ranger District: Coppervale.*—C. F. Conrad, Westwood.

*Hat Creek.*—W. J. Jones, Burney (Exp. Redding).

*Magalia.*—W. L. Slater, Magalia.

*Mineral.*—Wm. S. Williams, Mineral (Exp. Red Bluff).

**Modoc.**—W. G. Durbin, Alturas (WU); Wm. S. Brown, deputy forest supervisor; Roseoe B. Weaver, forest examiner; Leland S. Smith, and Fred P. Crone-miller, jr., grazing examiners.

*Ranger District: Big Valley.*—A. W. Bramhall, Adin (Exp. Alturas).

*Doublehead.*—Harry Garrison, Malin, Oregon (Exp. Klamath Falls, Oreg.).

*Devil's Garden.*—J. C. Davis, Alturas.

*Happy Camp.*—Ivan A. Cuff, Canby (Exp. Alturas).

*North Warners.*—L. L. Smith, Willow Ranch.

*South Warners.*—Ben L. Johnson, Cedarville (Exp. Alturas).

**Mono.**—See Nevada.

**Plumas.**—D. N. Rogers, district forest inspector, Quincy (WU); Geo. R. Orr, lumberman; W. E. Jotter, forest assistant; Richard L. Wiley, senior clerk.

*Ranger District: Beckwith.*—A. E. Gould, Blairsden.

*Greenville.*—H. F. Wilcox, Greenville (Exp. Cresecent Mills).

*La Porte.*—Wm. Hayes, La Porte (Exp. Oroville).

*Merrimac.*—Fred E. McMurphy, Merrimac (Exp. Oroville).

*Milford.*—W. E. Jotter, forest assistant, Milford (Exp. Doyle).

*Quincy.*—H. A. Kloppenburg, Quincy.

**Santa Barbara.**—Thos. W. Sloan, Santa Barbara (WU, P); Clarence Wiley, national forest inspector.

*Ranger District: Coast.*—Walter F. Emerick, Santa Barbara. *San Luis Division:* Stephen J. Rhyne, Arroyo Grande. *Santa Ynez Division:* R. G. H. Forsyth, Box 641, Santa Barbara. *Zaco Division:* J. L. Libeu, Los Olivos.

*Ranger District: Cuyama.*—Jacinto D. Reyes, Scheideek, via Ozena (Exp. Maricopa).

*Monterey.*—Harry H. Hunt, King City.

*Ojai.*—Virgil C. DeLapp, Ojai.

*Saugus.*—Ralph S. Williams, Saugus.

*Tejon.*—F. E. Dunne, Gorman (Exp. Lancaster).

**Sequoia.**—F. P. Cunningham, Hot Springs (WU); Wm. F. Derby, deputy forest supervisor; Lee Slinkard, forest ranger, in charge of grazing; H. L. Phelps, senior clerk.

*Ranger District: Breckenridge.*—Westley H. Rhodehamel, Caliente.

*Cannell Meadow.*—Ray Stevenson, Isabella (Exp. Caliente).

*Deer Creek.*—W. J. Brown, Hot Springs (Exp. Dueor).

*Greenhorn.*—Robert J. Beard, Glenville (Exp. Bakersfield).

*Kings Canyon.*—C. W. Beardsley, Badger (Exp. Cutler).

*Tule River.*—Wesley Snider, Springville.

**Shasta.**—J. R. Hall, Sisson (WU, P); C. A. Chamberlain, deputy forest supervisor, in charge of fire protection; Belknap C. Goldsmith, forest examiner; L. N. Lorenzen, grazing examiner; John S. Everitt, forest assistant; J. B. Fletcher, sealer; D. D. Harkness, forest ranger—timber sales; F. C. Porter, senior clerk,

*Ranger District: Mc Cloud.*—L. E. Overmeyer, McCloud.

*Pitt.*— —, Carbon (Exp. Bartle).

*Sacramento.*—Leslie T. Solaro, Sisson.

*Scott.*—F. H. Williams, Callahan (Exp. Gazelle).

*Squaw Creek.*—A. E. Noren, Winthrop (Exp. Bully Hill).

*Trinity.*—J. H. Stone, Trinity Center (Exp. Redding).

**Sierra.**—M. A. Benedict, district forest inspector, Northfork (WU Exp. Friant); Burnett Sanford, forest assistant; Roy Boothe, forest ranger in charge of grazing; John M. Hughes, forest ranger in charge of improvements; Mrs. Julia T. Shinn, senior clerk.

*Ranger District: Big Creek.*—C. K. Barker, Big Creek (Exp. Cascade).

*Kings River.*—Isaac R. Bays, Pineridge (Exp. Cascade).

*Mariposa.*—Maleolm McLeod, Usona (Exp. Merced).

*Northfork.*—Audie K. Wofford, Northfork (Exp. Friant).

*Pine Ridge.*—Frank Price, Auberry.



**Stanislaus.**—J. V. Wulff, Sonora (WU); J. E. Elliott, deputy forest supervisor; M. R. Brundage, forest assistant; Lueile Weaver, senior clerk.

*Ranger District: American Camp.*—P. Y. Lewis, Columbia (Exp. Sonora).

*Calaveras.*—C. L. Boothe, Murphy (Exp. Angeles Camp).

*Center Camp.*—B. F. Tyler, Confidencee (Exp. Sonora).

*Riverside.*—A. E. Freer, Tuolumne.

*Tuolumne.*—R. L. Kloppenburg, Groveland (Exp. Chinese Camp).

**Tahoe.**—R. L. P. Bigelow, district forest inspector, Nevada City (WU); George W. Lyons, forest examiner; Fred J. Dooley, sealer; E. P. Gleason, forest ranger in charge of grazing; Wm. M. Gracey, senior clerk.

*Ranger District: Camptonville.*—C. E. Whittum, Camptonville (Exp. Nevada City).

*Downieville.*—George E. King, Goodyears Bar (Exp. Nevada City).

*Emigrant Gap.*—C. F. Hurst, Ciseo.

*Forest Hill.*— —, Foresthill (Exp. Colfax).

*North Bloomfield.*—Carl T. Larsen, North Bloomfield (Exp. Nevada City).

*Sierraville.*—J. A. McIntosh, Sierraville (Exp. Loyaltan).

*Truckee.*—M. F. Hussey, Truckee.

**Trinity.**—E. V. Jotter, Weaverville (WU); John T. Gray, deputy forest supervisor; Nellie M. Hennessy, senior clerk.

*Ranger District: Big Bar.*— —, Big Bar (Exp. Weaverville).

*Hayfork and Hyampom.*—Harry Everest, Hayfork (Exp. Weaverville).

*Lower Trinity.*—F. A. Graham, Willow Creek (Exp. Korbelt).

*Mad River.*—Iles McNeill, Ruth (Exp. Carlotta).

*Stuarts Fork.*— —, Weaverville.

*Yola Bola.*—Alva Tracy, Knob (Exp. Weaverville).

#### NEVADA.

**Eldorado.**—See California.

**Inyo.**—See California.

**Mono.**—Wm. M. Maule, Minden (WU); Hans R. Jepsen, senior clerk.

*Ranger District: Alpine.*—W. J. Clark, Markleville, Calif. (Exp. Minden).

*Bridgeport.*—H. W. Acheson, Bridgeport, Calif. (Exp. Minden).

*Mono Lake.*—W. E. Green, Mono Lake, Calif. (Exp. Minden).

*Sweetwater.*—C. E. Johnson, Sweetwater (Exp. Minden).

**Tahoe.**—See California.

## DISTRICT 6.

### NORTH PACIFIC DISTRICT.

Washington and Oregon. Office, Post Office Building, Portland, Oreg.

GEO. H. CECIL, district forester.

PUBLIC RELATIONS.—John D. Guthrie.

LAW.—Office of the Solicitor (Forest Service branch). W. F. Staley, assistant to the solicitor.



ACCOUNTS.—A. H. Cousins, chief of office and fiscal agent; H. J. Weil, district fiscal agent.

OPERATION.—A. O. Waha, assistant district forester; Shirley Buck, national forest inspector.

FIRE PROTECTION.—W. B. Osborne, jr., forest examiner.

IMPROVEMENT.———.

TELEPHONE ENGINEERING.—C. M. Allen, telephone engineer.

LAW ENFORCEMENT.—T. M. Talbott, national forest examiner.

INSPECTION OF PROTECTION OF OREGON & CALIFORNIA RAILROAD LANDS.—R. H. Chapler, forest examiner.

STATE COOPERATIVE FIRE PROTECTION UNDER THE WEEKS LAW.—R. H. Chapler, F. A. Elliott, State forester, Salem, Oreg., and F. E. Pape, State forester and fire warden, Olympia, Wash., collaborators.

MAINTENANCE.—H. G. Whitney.

FOREST MANAGEMENT.—Fred Ames, assistant district forester.

TIMBER SALES.—Thornton T. Munger, forest examiner.

LOGGING ENGINEERING.—Bruce E. Hoffman, logging engineer; Geo. L. Drake, forest examiner.

CHECK SCALING.—E. C. Erickson, lumberman.

TIMBER SURVEYS AND WORKING PLANS.—C. J. Conover and George A. Bright, forest examiners.

INSECT CONTROL.—A. J. Jaenicke, forest examiner.

FOREST PATHOLOGY.—John S. Boyee, consulting pathologist.

PLANTING AND FOREST INVESTIGATIONS.—J. F. Kummel, W. H. Leve, and R. H. Weidman, forest examiners.

GRAZING.—E. N. Kavanagh, assistant district forester; J. L. Peterson, grazing examiner.

STUDIES.—D. C. Ingram, grazing examiner.

LANDS.—C. J. Buck, assistant district forester.

CLAIMS.—W. M. H. Woodward, mineral examiner.

LAND CLASSIFICATION.—F. W. Cleator, forest supervisor.

LAND EXCHANGES.—A. H. Wright and Ryle Teed, national forest examiners.

ENGINEERING.—Philip H. Dater, district engineer; D. V. Stroop, assistant district engineer.

MAPS AND SURVEYS.—George W. Root.

Entry Surveys.—George W. Root, E. R. Johnson.

ROADS.—Philip H. Dater, Ceeil A. Lord.

WATER POWER.—Philip H. Dater, D. V. Stroop.

PRODUCTS.—W. H. Gibbons, forest examiner; C. W. Gould, forest examiner, Portland; C. W. Zimmerman and H. C. Stinson, engineer and assistant engineer in forest products, Seattle.

## NATIONAL FORESTS.

### OREGON.

**Cascade.**—N. F. Macduff, Eugene (WU, P); Harvey E. Vineent, deputy forest supervisor; E. H. Hall, forest examiner; George P. Lang, senior clerk.

*Ranger District: McKenzie Bridge.*—S. L. Taylor, deputy supervisor, McKenzie Bridge.

*West Boundary.*—C. B. McFarland, Landax.

*Oakridge.*———, Oakridge.

**Crater.**—H. B. Rankin, Medford (WU, P); Fred A. Matz, national forest examiner; H. M. Johnson, forest examiner; E. V. Cook, senior clerk.

*Ranger District: Rogue River.*—A. T. Poole, Trail.

*Butte Falls.*—E. C. Peachey, Butte Falls.

*Dead Indian.*—W. L. Jones, Medford.

*Applegate.*—Lee C. Port, Jacksonville.

**Deschutes.**—H. L. Plumb, Bend (WU, P); W. O. Harriman, deputy forest supervisor; F. V. Horton, grazing examiner; J. W. Collette, senior clerk.

*Ranger District: Sisters.*—P. A. South, Sisters.

*Bend.*———, Bend.

*La Pine.*—Burton Oney, La Pine.

*Crescent.*—G. A. Howard, Crescent.

*Fort Rock.*—Roy Mitchell, Fort Rock.

**Fremont.**—Gilbert D. Brown, Lakeview (WU, Reno, Nev., P); Joseph H. Lackey, senior clerk.

*Ranger District: Warner.*—P. V. Ingram, Lakeview.

*Dry Lake.*—Lawrence Frizzell; Ben Young, assistant, Lakeview.

*Bly.*—Norman C. White, Bly.

*Paisley.*—Lawrence Frizzell, Lakeview; J. G. C. Eagan, assistant, Paisley.

*Silver Lake.*—W. A. La Sater, Silver Lake.

**Klamath.**—See California.

**Malheur.**—C. C. Reid, John Day (WU, Exp. Baker); Cecil R. Bennett, administrative assistant.

*Ranger District: Crane Prairie.*—T. M. Ray, Prairie City.

*Crow Flat.*—Samuel R. Bennett, Canyon City.

*Bear Valley.*—J. B. McEntire, Logdell.

*Hyju.*—F. V. Bradford, Long Creek.

**Ochoco.**—V. V. Harpham, Prineville (WU, PT, & T); W. A. Donnelly, administrative assistant; Hattie Goodnight, senior clerk.

*Ranger District: Beaver-Maury.*—C. F. Congleton, Post.

*Mill Creek.*—J. O. F. Anderson, Prineville.

*Pisgah.*—G. C. Blake, Mitchell.

*Antone.*—Ralph Elder, Ochoco.

*Snow Mountain.*—E. W. Donnelly, Suplee.

**Oregon.**—T. H. Sherrard, district forest inspector, Post Office Building, Portland (WU, P); Carl B. Neal, forest supervisor; A. G. Jackson, forest examiner; M. V. Livingston, senior clerk.

*Ranger District: Hood River.*—S. C. Walters, Mount Hood.

*Columbia.*—M. J. Brown, Cascade Locks.

*Bull Run.*—C. L. Henson, Welches.

*Summit.*—John A. Calverly, Rhododendron.

*White River.*—T. R. Brown, Friend.

*Clackamas.*—Joe A. Graham, deputy forest supervisor, Wapinitia.

*Collawash.*—R. T. Carter, Estacada.

*Eagle Creek Camp Grounds.*—Albert Wiesendanger, Cascade Locks.

**Santiam.**—C. C. Hall, Albany (WU, P); Ivy Boeck, senior clerk.

*Ranger District: Detroit.*—H. G. White, Detroit.

*Cascadia.*—R. A. Elliott, Caseadia.

**Siskiyou.**—E. H. MacDaniels, Grants Pass (WU, P); H. E. Haefner, forest examiner; J. P. DeWitt, administrative assistant; F. I. Abrams, senior clerk.

*Ranger District: Agness.*—A. F. Van Deventer, Illahe.

*Galice.*—M. C. Page, Merlin.

*Page Creek.*—M. M. Lewis, Takilma.

*Chetco.*—J. F. Campbell, Smith River, Calif.

*Gasquet.*—G. S. Case, Waldo.

**Siuslaw.**—Ralph S. Shelley, Eugene (WU, P); A. R. Wilcox, forest examiner; Mildred G. Sinnott, senior clerk.

*Ranger District: Hebo.*—L. E. Garwood, Hebo.

*Waldport.*—M. S. Durbin, Waldport.

*Florence.*—P. N. Stephenson, Florence.

*Gardiner.*—D. G. Knox, Gardiner.

*Mapleton.*—E. S. Kerby, Mapleton.

**Umatilla.**—John C. Kuhns, Pendleton (WU, P); R. A. Bottcher, deputy forest supervisor; M. I. Cooley, senior clerk.

*Ranger District: Asotin.*—Albert Baker, Pomeroy, Wash.

*Touchet.*—W. H. Kendall, Dayton, Wash.

*Walla Walla.*—C. L. Keithley, Walla Walla, Wash.

*Grande Ronde.*—F. W. Kendall, La Grande.

*Spray.*—C. R. Langdon, Monument.

*Heppner.*—C. L. Keithley, Heppner.

*Gurdane.*—S. R. Woods, Gurdane.

*Ukiah.*—W. W. Allison, Ukiah.

*Albee.*—P. W. Robbins, Pilot Roek.

**Umpqua.**—W. F. Ramsdell, Roseburg (WU, P); George Bonebrake, deputy forest supervisor; W. C. Keyes, senior clerk.

*Ranger District: Bohemia.*—E. S. Holderman, Disston.

*North Umpqua.*———, Glide.

*South Umpqua.*—H. U. Cochran, Tiller.

*Diamond Lake.*—O. C. Houser, Roseburg.

**Wallowa.**—Nelson J. Billings, Wallowa (WU); C. H. Thorp, senior clerk.

*Ranger District: Bear Creek.*—L. G. Smith, Wallowa.

*Joseph.*—J. F. McClain, Joseph.

*Imnaha.*—Robert W. Flournoy, Imnaha.

*Snake River.*—R. H. Harper, Imnaha.

*Chesnimnus.*—Geo. E. Stevenson, Enterprise.

*Sled Springs.*—L. A. Carpenter, Enterprise.

**Wenaha.**—See Washington.

**Whitman.**—R. M. Evans, district forest inspector; I. E. Jones and J. F. Irwin, forest supervisors, Baker (WU); C. W. Waterbury, lumberman; Walt. L. Dutton, grazing examiner; H. T. Gisborne, forest assistant; Otto A. Zimerli, senior clerk.

*Ranger District: Sumpter.*—Rolland Huff, Sumpter.

*North Powder.*—A. G. Angell, North Powder.

*Desolation.*—Geo. O. Langdon, Ukiah.

*Austin.*—Dan W. Fisk, Austin.

*Burnt River.*—Lloyd M. Judy, Unity.

*Pine.*—W. D. Foreman, Halfway.

*Eagle.*—Clyde O. Bloom, Medical Springs.

*Grande Ronde.*—Paul M. Ellis, Cove.

**Chelan.**—P. T. Harris, Okanogan (PT & T, WU); G. E. Mitchell, forest supervisor; L. A. Isaacs, forest assistant; W. A. Steiner, senior clerk.

*Ranger District: Loomis.*—H. S. Albertson, Loomis.

*Conconully.*—R. B. Pierpont, Conconully.

*Sweat Creek.*—W. F. Burge, Okanogan.

*Squaw Creek.*—R. E. Grantham, Pateros.

*Alder Creek.*—J. G. Burghardt, Twisp.

*Eight Mile.*—A. R. Tyler, Winthrop.

*Stehekin.*—E. O. Blankenship, deputy supervisor, Stehekin.

*Chelan.*—F. F. Wehmeyer, Chelan.

**Columbia.**—F. H. Brundage, district forest inspector, Post Office Building, Portland, Oreg. (WU, P); H. M. White, national forest inspector; Zella A. Zeigler, senior clerk.

*Ranger District: Mount Adams.*—J. M. Mann, Guler.

*Wind River.*—C. W. Welty, Carson.

*Spirit Lake.*—H. A. Welty, St. Helens.

**Colville.**—Lawrence B. Pagter, Republic (WU, P); W. J. Sproat, forest examiner; E. H. Wheeler, administrative assistant; T. F. Barrett, senior clerk.

*Ranger District: Marcus.*—A. W. Eastman, Marcus.

*Danville.*—Arthur Radigan, Danville.

*Republic.*—L. L. Hougland, Republic.

*Orient.*—P. A. Thompson, Orient.

*Chesaw.*—R. E. Foote, Chesaw.

**Olympic.**—R. L. Fromme, district forest inspector; O. F. Erickson, forest supervisor, Olympia (WU, P); Asher Ireland, national forest examiner; W. F. Paeth, forest examiner; Clarence M. Adams, senior clerk.

*Ranger District: Port Angeles.*—Chris Morgenroth, deputy forest supervisor, Port Angeles.

*Quilcene.*—Joseph W. Fulton, Quilcene.

*Hoodsport.*—R. A. Hilligoss, Hoodsport.

*Quinault.*—D. G. Hartsuck, Olsen.



**Rainier.**—G. F. Allen, Tacoma (WU, P); E. J. Fenby and Geo. E. Griffith, deputy forest supervisors; A. A. Griffin, forest examiner.

*Ranger District: Lower Cowlitz.*—John Kirkpatrick, Randle.

*Upper Cowlitz.*—William Sethe, Lewis.

*Tilton.*—Jules Hagon, Morton.

*Nisqually.*—William McCullough, Ashford.

*Carbon.*—R. J. O'Farrell, Fairfax.

*Naches.*—H. Croxford, Nile.

*Tieton.*—Mark Brunn, Naches.

**Snoqualmie.**—W. G. Weigle, Seattle (WU, P); Lewis A. Treen, jr., forest supervisor; Edward J. Hanzlik, Frank B. Kellogg, forest examiners; E. E. Whitaker, senior clerk.

*Ranger District: Darrington.*—J. R. Bruckart, Darrington.

*Silverton.*—R. M. Filloon, Silverton.

*Skykomish.*—Geo. E. Sawyer, Skykomish.

*Lester.*—J. W. Lundin, Lester.

**Washington.**—C. H. Park, Bellingham (WU, P); R. L. Campbell, forest supervisor.

*Ranger District: North Fork Nooksack.*—G. C. Burch, Glacier.

*Baker River.*———, Conerete.

*Finney Creek-Suiattle.*—Dick Sullivan, Darrington.

*Skagit River.*—Thomas Thompson, Marblemount.

**Wenatchee.**—A. H. Sylvester, Wenatchee (WU); H. D. Foster, forest examiner; F. B. Lenzic, grazing examiner; E. L. Springer, senior clerk.

*Ranger District: Lake Wenatchee.*—R. E. Nickles, Winton.

*Chiwaukum.*—Oscar F. Bergman, Winton.

*Leavenworth.*—John S. Brender, Leavenworth.

*Cashmere.*—Lee F. Chartrand, Cashmere.

*Liberty.*—S. A. Blankenship, Cle Elum.

*Easton.*—H. C. Blankenship, Easton.

*Entiat.*—James McKenzie, Entiat.

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## DISTRICT 7.

### EASTERN DISTRICT.

Arkansas, Alabama, Florida, Oklahoma, South Carolina, North Carolina, Tennessee, Virginia, West Virginia, New Hampshire, Maine, Porto Rico. Office, Atlantic Building, Washington, D. C.

F. W. REED, district forester.

ACCOUNTS.—J. H. Kerrick, district fiscal agent.

OPERATION.—H. O. Stabler, assistant district forester.

ENGINEERING.—John W. Fox, district engineer.

FOREST MANAGEMENT.—I. F. Eldredge, assistant district forester.

LOGGING ENGINEERING.—E. V. Clark, logging engineer.

LANDS.—Rudolph Dieffenbach, forest inspector.

LAND EXCHANGE.—W. F. Hill, national forest examiner.

ACQUISITION.—Rudolph Dieffenbach, forest inspector; E. D. Fletcher, national forest examiner.

Law.—A. H. McConville, assistant to the solicitor, Washington, D. C. Title attorneys: M. B. Stickley, Washington, D. C.; George E. Taylor, Bristol, Tenn.; W. L. Newman, Woodstock, Va.; Alfred S. Grigg, Johnson City, Tenn.; Julius C. Fletcher, Lenoir, N. C.; John Awtrey, Clayton, Ga.; Pierce R. Massie, Lynchburg, Va.; H. A. Lamprey, Woodsville, N. H.; John C. Forney, Moulton, Ala.; John W. Van Hoy, Mena, Ark.

## NATIONAL FORESTS.

### ALABAMA.

Alabama.—Burley M. Lufburrow, acting forest supervisor, Moulton (WU).

*Ranger District: Alabama.*—H. J. McDowell, Moulton.

### ARKANSAS.

Arkansas.—Charles A. Plymale, Hot Springs (WU); W. E. White, forest examiner; J. A. Bateman, national forest examiner; Eunice L. Brown, clerk.

*Ranger District: Womble.*—Abner Casey, Womble.

*Jessieville.*—George Howell, Jessieville (Exp. Hot Springs).

*Umphrs.*—Charles Christian, Rover (Exp. Plainview).

*Cold Springs.*—George W. Casey, Cardiff (Exp. Waldron).

*Oden.*—T. E. Hale, Oden (Exp. Womble).

*Eagleton.*—S. C. Payne, Rich Mountain.

*Shady.*—Guy Cox, Shady (Exp. Mena).

Ozark.—Ben F. Vaughan, Russellville (WU); R. C. Huey, assistant engineer; William P. Dale, national forest examiner; T. T. Hall, clerk.

*Ranger District: Sylamore.*—Hugh R. Moore, Mountain View (Exp. Sylamore).

*Bayou.*—George D. Russell, Okay (Exp. Atkins).

*Pleasant Hill.*—J. W. McPherson, Lurton (Exp. Russellville).

*Piney.*—James A. Mason, Fort Douglas (Exp. Clarksville).

*White Rock.*—Charles W. Fritts, Cass (Exp. Ozark).

### FLORIDA.

Florida.—L. L. Bishop, district forest inspector, Pensacola (WU, P); Eva Berlin, clerk.

*Ranger District: Camp Pinchot.*—E. R. McKee, deputy forest supervisor, Valparaiso (Exp. Crestview).

*East Bay.*—Otis B. Fort, Holly.

*Mossyhead.*—J. E. Clark, Mossyhead.

*Bayou.*—G. B. Anchors, Valparaiso (Exp. Crestview).

*Ocala.*—C. H. Rogers, deputy forest supervisor, Lynne (Exp. Ocala).

### GEORGIA.

Cherokee.—See Tennessee.

Nantahala.—See North Carolina.

## MAINE.

**White Mountain.**—See New Hampshire.

## NEW HAMPSHIRE.

**White Mountain.**—J. J. Fritz, Gorham (WU, P); H. R. Currier, deputy forest supervisor; H. S. Davis, forest examiner; K. E. Kimball, national forest examiner; F. A. Gardner, examiner of surveys; Helen Brooks, clerk.

*Ranger District: Gorham.*—Erich F. Stuewe, forest guard, Gorham .

*Twin Mountain.*—Truman E. Hale, forest guard, Pierce Bridge .

*Kilkenny.*—Walter E. Chatfield, forest guard, Gorham .

*Bartlett.*—C. E. Beals, jr., Bartlett.

*Woodstock.*—George E. Spinney, Woodstock.

## NORTH CAROLINA.

**Cherokee.**—See Tennessee.

**Nantahala.**—R. W. Shields, Franklin (WU); S. M. Shanklin, deputy forest supervisor; C. E. Beaumont, forest examiner; W. N. Sloan and A. A. Riemer, examiners of surveys; Mamie B. Horsley, clerk.

*Ranger District: Clayton.*—R. C. Nicholson, Clayton, Ga .

*Highlands.*—J. E. Potts, Highlands.

*Nantahala.*—R. C. Brown, Franklin.

**Pisgah** (includes Boone National Forest, north half of Nantahala Purchase Area, and Pisgah National Forest).—Verne Rhoades, district forest inspector, Asheville (WU, P); Ira T. Yarnall, forest examiner; James Denman, examiner of surveys; Belle M. Morrison, clerk.

*Ranger District: Davidson River.*—Leory O'Kelley, Pisgah Forest .

*Bent Creek.*—Clarence L. Fink, Biltmore.

*Big Ivy.*—J. O. Brigman, Pisgah Forest .

*Catawba.*—J. H. Young, Old Fort.

*Buck Creek-South Toe.*—George M. Bird, Garden City (Exp. Marion) .

*Wilson Creek.*—Monroe Coffey, Edgemont.

**Unaka.**—See Tennessee.

## OKLAHOMA.

**Wichita.**—Frank Rush, Cache (WU); May Rush, clerk.

*Ranger District: Wichita.*—Edwin M. Allison, Cache.

## PORTO RICO.

**Luquillo.**—E. Murray Bruner, forest examiner, Rio Piedras.

## SOUTH CAROLINA.

**Nantahala.**—See North Carolina.

## TENNESSEE.

**Cherokee.**—S. H. Thompson, Athens (WU); Rezin E. Pidgeon, examiner of surveys; H. P. Thompson, clerk.

*Ranger District: Lower Toccoa.*—D. E. Edmondson, Margret, Ga. (Exp. Blue Ridge, Ga.).

*Upper Toccoa.*—W. A. Woody, Sarah, Ga. (Exp. Blue Ridge, Ga.).

*West Ocoee.*—W. C. Chable, assistant forest ranger, Doogan, Ga. (Exp. Benton).

*East Ocoee.*—W. P. Duncan, Postelle (Exp. Ducktown).

*Hivasssee.*—Leland Fouts, McFarland.

**Unaka.**—H. L. Russell, Johnson City (WU); W. E. Hedges, national forest examiner; C. F. Muzzey, examiner of surveys; Bessie M. Thompson, clerk.

*Ranger District: Damascus.*—C. S. Dunn, Damaseus, Va.

*Shady.*—G. S. Blevins, Crandull (Exp. Damascus, Va.).

*Carter.*—G. W. Cole, Carter.

*Erwin.*—R. T. Reed, Erwin.

## VIRGINIA.

**Natural Bridge.**—J. H. Fahrenbach, Buena Vista (WU); H. M. Sears, forest examiner; A. R. Kinney and P. G. Jenney, examiners of surveys; S. B. Helms, clerk.

*Ranger District: Glenwood.*—J. W. McNair, Natural Bridge Station.

*Pedlar.*—Thomas A. Wilson, Buena Vista.

**Shenandoah.**—S. H. Marsh, district forest inspector, Harrisonburg (WU); W. H. Stoneburner, deputy forest supervisor, Edinburg (WU); E. R. Conrad, examiner of surveys; Helen W. Gordon, clerk.

*Ranger District: Deerfield.*—H. B. Eye, Deerfield.

*North River.*—J. William Bowman, Bridgewater.

*Potomac.*—Arthur A. Wood, Lost River, W. Va..

*Massanutten.*—John W. Crisman, assistant forest ranger, Edith.

**Unaka.**—See Tennessee.

## WEST VIRGINIA.

**Monongahela.**—H. L. Johnson, Elkins (WU); W. H. Sullivan, examiner of surveys.

*Ranger District: Dry Fork.*—Charles E. Long, Gladwin.

**Shenandoah.**—See Virginia.

## DISTRICT 8.

## ALASKA DISTRICT.

Alaska. Office, Ketchikan, Alaska (after July 1, Juneau).

CHAS. H. FLORY, district forester; M. L. Merritt, assistant district forester (after July 1); B. F. Heintzleman, logging engineer; Wellman Holbrook, national forest examiner; Lyle Blodgett, pilot and gas engineer.

ACCOUNTS.—Louis King, special fiseal agent.



## NATIONAL FORESTS.

## ALASKA.

**Tongass.**—Charles T. Gardner, forest supervisor, Ketchikan (SC, U. S. A., WU); Robert A. Zeller, forest examiner; Marion C. Thompson, senior clerk.

*Ranger District: Ketchikan.*—J. M. Wyekoff, Ketchikan.

*Petersburg.*—J. L. MacKechnie, deputy forest supervisor, Petersburg.

*Juneau.*—J. P. Williams, Juneau.

*Sitka.*—George H. Peterson, deputy forest supervisor, Sitka.

*Craig.*—H. E. Smith, Craig.

**Chugach.**—C. T. Beach, forest supervisor, Cordova (WU, P); L. C. Pratt, senior clerk.

*Ranger District: Cordova.*—W. J. MacDonald, deputy forest supervisor, Cordova.

*Katalla.*—O. A. Strand, Katalla.

*Seward.*—G. C. Haneman, Anchorage.

